MIDDLEBURY COLLEGE

Bulletin

1930-1931

Session

Middlebury, Vermont

Entered as second-class matter at the Post Office, Middlebury,
Vermont, under the act of Congress of July 16, 1894

VOL. XXV NOVEMBER, 1930 No. 3

THE MIDDLEBURY COLLEGE BULLETIN

CATALOGUE NUMBER

One Hundred Thirty-first Year

1930-1931 Session

Published by the College Monthly During the Academic Year

W. STORRS LEE, *Editor*

CORRESPONDENCE

All inquiries regarding admission should be addressed to E. J. Wiley, Director of Admissions and Personnel, who will supply catalogues and information for prospective students.

Others desiring catalogues and the various bulletins of the College should address W. Storrs Lee, College Editor.

Correspondence with regard to the Summer Session should be addressed to Mrs. Pamelia S. Powell, Secretary and Recorder of the Summer Session.

CONTENTS

	PAGE
Correspondence	2
Calendar	4
President and Fellows	7
Committees of the Corporation	9
Faculty and Officers	10
Faculty Committees	15
College Preachers	16
General Information	17
Admission	26
The College Curriculum	35
Departments and Courses of Instruction	42
College Buildings	93
Expenses	101
Self-Help	102
Student Loan Fund	103
Scholarships	104
Administration	110
Prizes	115
Graduate Work	118
The Associated Alumni	123
College Publications	127
Student Societies	128
Needs of the College	129
Forms of Bequests	129
Prizes awarded in 1930	130
Degrees conferred in 1930	131
Index	134

CALENDAR FOR 1930-1931

1930

JULY

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

AUG.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPT.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

OCT.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

NOV.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

DEC.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

1931

JAN.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

FEB.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
..	..	..	..	..	..	..
..	..	..	..	..	..	..

MAR.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

APR.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

September

18-20—Entrance Examinations.

22-24—Registration Days and Freshman Week.

25 —President's Address, Mead Memorial Chapel, 9.30 A.M.

26 —Recitations begin 8.00 A.M.

November

27 Thanksgiving Day.

December

19 —11 A.M.

January

6 — 8 A.M.

} Christmas Recess.

February

4-7 —Mid-year Examinations.

7 —First Semester ends.

9 —Second Semester begins.

23 —Washington's Birthday Holiday.

April

1 —11.00 A.M.

8 — 1.30 P.M.

} Spring Recess.

May

7 —12.30 P.M.

8, 9 —

} Junior Week.

30 —Memorial Day.

June

1-12—Final Examinations.

13 —Class Day.

14 —Baccalaureate.

15 —Commencement.

CALENDAR FOR 1931-1932

September

17-19—Entrance Examinations.

21-23—Registration Days and Freshman Week.

24 —President's Address, Mead Memorial Chapel, 9.30 A.M.

25 —Recitations begin 8.00 A.M.

November

26 —Thanksgiving Day.

December

18 —11 A.M.

January

5 — 8 A.M. } Christmas Recess.

February

3-6 —Mid-year Examinations.

6 —First Semester ends.

8 —Second Semester begins.

22 —Washington's Birthday Holiday.

March

23 —11.00 A.M.

30 — 1.30 P.M. } Spring Recess.

May

12 —12.30 P.M.

13, 14— } Junior Week.

30 —Memorial Day.

31

June —Final Examinations.

10

11 —Class Day.

12 —Baccalaureate.

13 —Commencement.

1931

JULY

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

AUG.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

SEPT.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	..	..	..

OCT.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

NOV.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

DEC.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

1932

JAN.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

FEB.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	..	..	..	..	..
..	..	..	..	..	..	..

MAR.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

APR.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	..	..

THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE

The Corporation

Paul D. Moody, D.D. *Middlebury*
President

James L. Barton, D.D., LL.D. *Boston, Mass.*
Secretary Emeritus, American Board of Commissioners for Foreign Missions

M. Allen Starr, M.D., PH.D., LL.D. *New York, N. Y.*
Neurologist, Professor Emeritus, Columbia University

James M. Gifford, LL.D. *New York, N. Y.*
Lawyer, Merrill, Rogers, Gifford & Woody

John E. Weeks, A.M., LL.D. *Montpelier*
Governor of Vermont

Frank C. Partridge, LL.D. *Proctor*
President, Vermont Marble Company

Bert L. Stafford, A.B. *Rutland*
Lawyer, Lawrence, Stafford & O'brien

Sanford H. Lane, A.B. *New York, N. Y.*
American Bank Note Company

Percival Wilds, A.B., LL.B. *New York, N. Y.*
Lawyer, Chamberlin, Kafer, Wilds & Jube

Redfield Proctor, M.S., LL.D. *Proctor*
Vice-President, Vermont Marble Company

Hall P. McCullough, A.B., LL.B. *New York, N. Y.*
Lawyer, Davis, Polk, Wardwell, Gardiner & Reed.

Albert H. Wiggin, LL.D. *New York, N. Y.*
Chairman of the Board, Chase National Bank

THEODORE S. WOOLSEY, JR., B.A., M.F. *New Haven, Conn.*
Consulting Forester

SAMUEL B. BOTSFORD, A.B., LL.B. *Buffalo, N. Y.*
General Manager, Buffalo Chamber of Commerce

ELBERT S. BRIGHAM, B.S., M.S. *Washington, D. C.*
Member of Congress, First Congressional District of Vermont

ALLEN H. NELSON, A.B., M.A. *New York, N. Y.*
Vice-President, Macmillan Company

FRANK L. BELL *Glens Falls, N. Y.*
Lawyer

CHARLES A. MUNROE, A.B. *Chicago, Ill.*
Lawyer

*CARL A. MEAD, A.B., LL.B. *New York, N. Y.*
Lawyer, Shearman and Sterling

*THOMAS H. NOONAN, B.S. *Buffalo, N. Y.*
Justice, Supreme Court, New York

*HOMER L. SKEELS, B.S. *Ludlow*
Lawyer, Stickney, Sargent & Skeels

*J. EARLE PARKER, B.S., LL.B., LL.M. *Boston, Mass.*
Treasurer, Acadia Mills

*ELLSWORTH C. LAWRENCE, B.S. *Malone, N. Y.*
Franklin Co. Judge and Surrogate

Secretary and Treasurer

J. J. FRITZ, B.S.
Business Manager
and acting Secretary and Treasurer

*Elected on nomination by the Alumni.

*COMMITTEES OF THE CORPORATION

PRUDENTIAL COMMITTEE

President Paul D. Moody
John E. Weeks
Frank C. Partridge
Sanford H. Lane
Bert L. Stafford
Redfield Proctor

FINANCE COMMITTEE

Albert H. Wiggin
James M. Gifford
Frank C. Partridge
Hall P. McCullough

COMMITTEE ON WALKER FURLOUGH AND EMERGENCY FUND†

President Paul D. Moody
Ernest C. Bryant‡

COMMITTEE ON BATTELL FOREST

President Paul D. Moody
Frank C. Partridge
Theodore S. Woolsey, Jr.
Redfield Proctor
Frank L. Bell

COMMITTEE ON PORTER HOSPITAL

John E. Weeks
M. Allen Starr
Redfield Proctor
President Paul D. Moody§
Phelps N. Swett§
Mrs. Maud O. Mason§
Sanford H. Lane

*The first on list is Chairman.
†Third member to be appointed.
‡Representing the Faculty.
§Representing College.

FACULTY AND OFFICERS*

PAUL DWIGHT MOODY, D.D.
President and Director of the Summer Session (1921) — 3 South Street

BURT ALDEN HAZELTINE, B.S.
Dean of the Men's College and Professor of Mathematics (1924) — Battell Block

---

CHARLES ALBERTUS ADAMS, B.S., A.M.
Professor of Education (1923) — 39 Seminary Street

RAYMOND LIVINGSTON BARNEY, SC.M., PH.D.
Professor of Biology (1924) — 5 Storrs Avenue

BENJAMIN HARLOW BECK, A.B.
Professor of Physical Education and Coach of Varsity Football and Basketball (1928) — 8 Seminary Street

DOUGLAS STOWE BEERS, PH.D.
Professor of English (1925) — 29 Seminary Street

LEA BINAND, BRÉVET SUPÉRIEUR
Assistant Professor of French (1929) — Château

JEAN BOORSCH, AGRÉGÉ DES LETTRES
Assistant Professor of French (1929) — 16 College Street

MARIE LOUISE BOUGAREL, BRÉVET SUPÉRIEUR, A.B.
Instructor in French (1930) — Château

JOHN GERALD BOWKER, B.S.
Assistant Professor of Mathematics (1926) — 20 College Street

JENNIE HANNAH BRISTOL
Registrar (1912) — 32 Pleasant Street

ARTHUR MILTON BROWN, A.B.
Professor of Physical Education and Director of Athletics (1918) — 126 Main Street

ERNEST CALVIN BRYANT, S.B., SC.D.
Baldwin Professor of Physics (1895) — 13 South Street

*The dates in parentheses refer to the year of first appointment.

WILLIAM SARGENT BURRAGE, PH.D.
Professor of Greek Language and Literature (1903) 3 Storrs Avenue

FRANK WILLIAM CADY, A.M., B.LITT. (OXON.)
Professor of English (1909) 47 South Street

CARLOS CONCHA, LL.B., A.M., PH.D.
Professor of Spanish and Dean of the Spanish School (1929) On leave

REGINALD LANSING COOK, A.B., A.M., B.A. (OXON.)
Instructor in American Literature and English (1929) 121 Main Street

ELLSWORTH BEDINGER CORNWALL, B.A., LL.B.
Associate Professor of Political Science (1928) Battell Block

ALFRED MITCHELL DAME, A.M.
Professor of Latin (1928) 66 Court Street

JOHN PERLEY DAVISON, A.M.
Assistant Professor of History (1923) 26 College Street

HARRY MOORE FIFE, A.B., A.M.
Professor of Economics (1925) 122 Main Street

PRUDENCE HOPKINS FISH, B. OF MUSIC
Instructor in Music (1924) Vergennes

STEPHEN ALBERT FREEMAN, PH.D.
Professor of French, Dean of the French School and Assistant Director of the Summer Session (1925) 12 Weybridge Street

JAY JACOB FRITZ, B.S.
Business Manager (1924) 77 Main Street

VICTOR SPENCER GOODREDS
Assistant Professor of Drama and Public Speaking (1928) 112 Main Street

JOHN FESSLER HALLER, B. OF CHEM.
Assistant Professor of Chemistry (1925) Hillcrest Avenue

LANSING VAN DER HEYDEN HAMMOND, A.B.
Instructor in English (1930) Hepburn Hall

VERNON CHARLES HARRINGTON, L.H.D.
Boardman Professor of Philosophy (1913) 4 Storrs Avenue

LEWIS JACKSON HATHAWAY
Professor of Music (1916) 135 Main Street

MINNIE HAYDEN
Instructor in Music (1921) 95 Main Street

HARVEY WILLIAM HESSLER, B.S.
Instructor in Physical Education, Coach of Varsity Baseball and Freshman Football (1927) Middlebury Inn

ROBERT DUGALD HOPE, LL.B.
Assistant Treasurer (1914) 59 Court Street

FRANK EUGENE HOWARD, A.M., PH.D.
Professor of Education and Psychology (1915) 1 South Street

JULIUS STANTON KINGSLEY, A.M., M.SC., PED.M.
Professor of Education and Social Institutions (1921) Court Street

ALLEN MARSHALL KLINE, PH.D.
Proctor Professor of American History (1920) 18 Pleasant Street

ALFRED LARSEN
Instructor in Violin (1920) Burlington

WILLIAM STORRS LEE, A.B.
Instructor in English and College Editor (1930) Hepburn Hall

SAMUEL EARL LONGWELL, PH.D.
Burr Professor of Biology (1919) Hillcrest Avenue

WILLIAM WESLEY MCGILTON, A.M., SC.D.
Professor Emeritus of Chemistry (1892) 21 College Street

LAILA ADELAIDE MCNEIL, A.B.
Librarian (1913) 13 Elm Street

ROSE ELEANOR MARTIN, A.B., A.M.
Instructor in Spanish (1928) Spanish House

HARRY GODDARD OWEN, A.B., A.M.
Assistant Professor of English, Assistant Dean of Bread Loaf School of English (1926) 3 Storrs Avenue

CLEMENTE PEREDA, A.M.
Assistant Professor of Spanish (1930) Hillcrest Avenue

LLEWELLYN ROOD PERKINS, A.B., B.S., A.M.
Professor of Mathematics (1914) On leave

PERLEY CHESMAN PERKINS, A.M.
Assistant Professor of English (1923) Adirondack View

ALBERT RANTY, B.S., A.M.
Associate Professor of French (1925) 36 Pleasant Street

PAUL RUSBY, A.B., A.M.
Assistant Professor of Economics (1930) 53 Weybridge Street

MYRON REED SANFORD, A.M., L.H.D.
Professor Emeritus of Latin Language and Literature (1894) 1875 Park Avenue, Bridgeport, Conn.

BRUNO MORITZ SCHMIDT, A.B., A.M.
Assistant Professor of Geology (1925) 38 South Street

RUSSEL GEORGE SHOLES, A.B., A.M.
Associate Professor of Sociology (1927) Adirondack View

EVERETT SKILLINGS, A.M.
Professor of German (1909) 41 South Street

PHELPS NASH SWETT, S.B., A.M.
Professor of Geography and Graphics (1909) 49 South Street

JOSEPH SMITH THOMAS, B.S., M.S.
Instructor of Chemistry (1930) 105 South Main Street

PERLEY CONANT VOTER, A.M.
Professor of Chemistry, Dean of the Chemistry School (1912) On leave

RAYMOND HENRY WHITE, A.M.
Professor of Latin (1909) Hillcrest Avenue

EDGAR JOLLS WILEY, B.S., ED.M.
Director of Admissions and Personnel for Men and Alumni Secretary (1913) — 21 South Street

BENJAMIN FRANKLIN WISSLER, B.S.
Instructor in Physics and Mathematics (1930) — 109 South Main Street

ELLIS BRYAN WOMACK, PH.D.
Assistant Professor of Chemistry (1930) — 123 South Main Street

CHARLES BAKER WRIGHT, A.M., LITT.D.
Professor Emeritus of Rhetoric and English Literature (1885) — 2 Storrs Avenue

---

ERICH LABOUVIE
Graduate Fellow in German (1930) — 18 College Street

RALPH STERLING TEMPLE, A.B.
Graduate Fellow in Chemistry (1929) — 19 Starr Hall

FRITZ TILLER
Graduate Fellow in German (1930) — 18 College Street

MIRIAM ADELINE TURNER, A.B.
Graduate Fellow in Biology (1930) — 115 South Main Street

MARY CAROLINE DUTTON, A.M.
Dietitian (1918) — On leave

PAMELIA SMITH POWELL
Secretary to the President and Secretary and Recorder of the Summer Session (1921) — 118 Main Street

MRS. MAUDE OWEN MASON
Superintendent of Dormitories (1916) — Hepburn Hall

WALTER WESTON
Superintendent of Buildings and Grounds (1925) — 25 College Street

Note: The complete list of administrative officers and assistants is published in the College Directory.

FACULTY COMITTEES

ON ADMINISTRATION

Bryant, Brown,
The President and the Deans, *ex-officio*

ON CURRICULUM AND PERMANENT SCHEDULE

L. R. Perkins,* White, Adams, Sholes, J. P. Davison,
Miss Knapp, Miss Wiley, the Registrar

ON ADMISSION

Wiley, Adams, White, Miss Ross, Hazeltine, Howard

ON GRADUATE WORK

Owen, Voter,* L. R. Perkins,* Freeman

ON LIBRARY

Kline, Skillings, Barney, Beers, Dame,
the Librarian, *ex-officio*

ON ATHLETICS

Swett, Brown, Voter, Hazeltine, Fife

ON STUDENT LIFE AND RESIDENCES

Freeman, Miss Ross, Hazeltine, President Student
Council and President Student Government, *ex-officio*

ON CONFERENCE WITH TRUSTEES

Bryant, Howard, Burrage

*On leave.

COLLEGE PREACHERS

1930-1931

Reverend Bernard I. Bell	*St. Stephens College*
Right Reverend Samuel B. Booth	*Burlington*
Reverend Edward C. Boynton	*Scarsdale, N. Y.*
Reverend Arlo A. Brown	*Drew University*
Bishop John T. Dallas	*Concord, N. H.*
Reverend Leslie Glenn	*New York City*
Reverend Arthur W. Hewitt	*Plainfield*
Reverend Oscar Edward Maurer	*New Haven, Conn.*
President J. Edgar Park	*Wheaton College*
Reverend Howard Chandler Robbins	*New York City*
Reverend Malcolm Taylor	*Boston, Mass.*
Reverend John M. Thomas	*Montpelier*
Reverend Henry Hallam Tweedy	*Yale University*
Reverend Tertius VanDyke	*Washington, Conn.*

GENERAL INFORMATION

MIDDLEBURY COLLEGE, chartered in 1800 on the model of still older New England colleges, has devoted itself throughout its one hundred thirty years strictly to college work, without professional or training schools. Though among of the oldest colleges in the United States, it has always remained one of the smaller, in the belief that the highest principles of culture and enlightenment can best be fostered in the cosmopolitan and democratic institution with limited enrollment. Instruction is offered in twenty-six departments by a faculty of over fifty. A group system of elective studies is maintained for securing degrees of Bachelor of Arts and Bachelor of Science, while in both college and summer session advanced courses lead to the degrees of Master of Arts, Master of Science and Doctorate of Modern Languages.

CO-EDUCATION

Although the College was established for men, women have been admitted since 1883. About 1900 a policy was adopted in principle calling for an affiliated college for women. Until recently, lack of resources has made the adoption of this policy difficult, but increasingly the men and women have studied in separate classes. Beginning in 1931 women will be admitted to the affiliated college only and the process of complete segregation or co-instruction will, it is anticipated, be completed in 1935. The faculty will be largely the same, and the curriculum will be in the main similar, differing only where this is clearly indicated, by the nature of the subjects and the interests and aptitudes of the two groups.

LOCATION AND CAMPUS

The College is located on the edge of the village of Middlebury in the west central part of Vermont, the campus overlooking the Champlain Valley with a wide sweep of the Green Mountains to the east and the Adirondacks across Lake Champlain to the west. It is on the main line of the Rutland Railroad with through trains to Boston, New York and Montreal. The local campus comprises 244 acres in four sections: the "Old Campus" of 30 acres containing the main buildings of the Men's College; the Battell Campus reserved for buildings of the Women's College; Porter field and athletic grounds of 79 acres; and a tract along the Otter Creek, on which the College boat house is located. The mountain campus, including 35,000 acres, ten miles to the east, with its streams, trails and cabins in the Green Mountains, is one of the outstanding possessions of the College.

BUILDINGS

The College plant of fourteen permanent buildings, built for the most part of grey limestone and white marble, colonial in architecture, include: Painter Hall, The Old Chapel, Starr Hall, Chemistry Building, Library, Science Hall, New Chapel, Hepburn Hall, Playhouse, Château Français, Porter Hospital, Music Studios, and Gymnasium. There are also cottages, professors' houses, and temporary buildings, as well as seven fraternity houses owned by the fraternities. Each building is planned with reference to the others to establish a general harmony consistent with the extensive campus and mountain setting.

GROWTH

Substantial progress has been made in the past decade, especially in equipment, permanent funds and enrollment. In this period have been constructed the Château Français, the Music Studios, Porter Hospital and two additional wings on the Egbert Starr Library. Student attendance has increased four hundred percent and, with the summer schools, the geographical distribution of students extends to forty states as well as foreign countries. The endowments have been quadrupled and the annual income trebled.

RELIGIOUS POSITION

Middlebury is non-sectarian, never having had official connection with any church. It is, however, the desire of the College to foster the tradition of earnest religious faith and sincere moral purpose established by the founders. Students are required to attend the daily chapel services led by the President and the Sunday vesper services conducted by men of eminence in various denominations and the President. A vested choir composed of twenty-four students, chosen by competition, is present at all services. In a belief that literary and intellectual appreciation as well as spiritual experience may be enhanced, the College will require of all graduates beginning with the class of 1933 the passing of an examination in Bible. Preparation for this may be made either individually or in connection with Biblical literature classes.

VOCATIONAL GUIDANCE

The college course should furnish the foundation for later professional study or immediate employment in education or business, and while the liberal arts college is not expected to provide professional training, it is reasonable to expect that

the fundamental courses needed for later professional work should be included in the student's college curriculum. This result is not likely to be accomplished, however, without careful organization with that end in view. Much has been done at Middlebury in recent years to assist students in deciding on their life work and in planning their college courses accordingly. The vocational guidance program includes special library service, cooperation of an undergraduate committee, assistance of the college paper, and the organization of several other agencies to assist in carrying out the program, among which perhaps the most effective is a series of lectures and conferences in which men of prominence in various important occupations participate. There is a sufficient variety of occupations covered in this way so that in the course of a student's four years in College, opportunity is given for securing a wide range of information on the field of occupations.

Among the speakers in this series have been the following:

Mr. Charles S. ("Casey") Jones, '15, President of the Curtiss-Wright Flying Service, New York City. Subject: "Opportunities in Aviation and the Aeroplane Industry."

William Hazlett Upson, Writer for the *Saturday Evening Post* and *Collier's Weekly*. Subject: "Fiction Writing as a Career."

Prof. Archie M. Peisch of the Tuck School, Dartmouth College. Subject: "Accounting as a Field for College Men."

Mr. F. A. Simmons, '02, Treasurer of Harris Forbes Co., Boston, Mass. Subject: "Investment Banking."

Mr. Joseph P. Kasper, '20, Merchandise Councillor, R. H. Macy & Co., Inc., New York City. Subject: "The Department Store as a Field for the College Graduate."

Dr. Worth Hale, Assistant Dean of Harvard Medical School, Boston, Mass. Subject: "Medicine as a Profession."

Dr. Deane W. Malott, Associate Dean, Harvard University Graduate School of Business Administration. Subject: "Training for Business."

Mr. Burton E. Emory, Manager of the Claims Department of the Ætna Life Insurance Co., New York City. Subject: "Insurance."

Mr. J. W. Dietz, Superintendent of Industrial Relations, Western Electric Co., Kearny, N. J. Subject: "Personnel Work in Business and Industry."

Mr. Wm. H. Purdy, '26, of Catlin & Co., of New York. Subject, "The Credit Side of Banking and Finance."

Mr. L. G. Treadway, President of New England Hotel Men's Association and Managing Director of the chain of "Real New England Inns." Subject: "The Hotel Business."

RESPONSIBILITY FOR CONDUCT

Since the necessarily limited enrollment places upon the College the obligation to select candidates with the utmost care possible, a responsibility is felt for those who are accepted and the gratifying record that Middlebury graduates have made is due, we believe, to this. To safeguard this record of the past, *the College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without assigning any further reason therefor; in such cases the fees due or which may have been paid in advance to the College will not be refunded or remitted, in whole or in part, and neither the College nor any of its officers shall be under any liability whatsoever for such exclusion.*

HEALTH MEASURES

The College aims to investigate and care for the health of each student as far as possible. The Department of Physical Education commands the services of a professor and assistants. Prescribed work in physical education and hygiene is required of all Freshmen and attendance is also required at such special lectures in hygiene as may be announced by the Director of Physical Education. Every Freshman must present, upon matriculation, a health certificate signed by a physician. At least two physical examinations are given by the Director of Physical Education during the Freshman year. Measurements and records are kept and corrective exercises are prescribed when needed. Students are encouraged to organize and carry on a great variety of outdoor sports under the general charge of the Director. All cases of illness are reported immediately to the college nurse who cooperates with the local physicians. Porter Hospital is fully equipped for the accommodation of any cases of illness which may arise. The importance to the student of laying a sound physical foundation during the years of his college course cannot be overestimated, and the College reserves the right to ask the withdrawal of any student whose physical condition is not satisfactory.

ATHLETICS

Competent athletic coaching is provided and both Varsity and Freshman games are scheduled in major and minor sports. Intramural games are arranged, including interclass and interfraternity contests in football, baseball, track and tennis. Skiing, snow-shoeing and hockey are special features of the winter season. One semester's residence is required before students are permitted to represent the College in varsity contests. A

fund now amounting to $118,900 was established by the late Hon. A. Barton Hepburn for the promotion of major sports. The Director of Athletics, together with the Athletic Council, composed of members of the faculty, alumni and students, has general supervision over all sports.

ENTERTAINMENT PROGRAM

The College sponsors annually for the benefit of the student body a series of entertainments given by distinguished artists and lecturers. Exceptional cultural opportunities are provided at a low cost. The program for the past year included: Count Von Luckner, Thornton Wilder, Vilhjalmur Stefansson, The Russian Cossack Chorus and The Liebeslieder Quartet. The following will come to Middlebury during the present academic year: Rear Admiral Byrd, Barrere's Little Symphony Orchestra, Carola Goya, Myra Hess, Cornelia Otis Skinner, Guglielmo Ferrero.

THE MODERN LANGUAGE SCHOOLS

The Summer Session has brought the College an enviable reputation for its distinctive work. The permanent connection with the College of the Deans of the French and Spanish Schools now makes it possible for undergraduate students to benefit by the advantages these schools have introduced into language teaching. The French School and the Spanish School are now continued throughout the College year, and although primarily graduate schools of French and Spanish, the benefit of their courses and the conversational opportunities provided at the French and Spanish tables may be enjoyed by properly qualified students of the College.

BATTELL FOREST

One of the most unique gifts to an American college was the bequest of the late Joseph Battell to Middlebury, received in 1916. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forest and the beauty of the natural scenery of the region. His holdings amounted to about 35,000 acres along the highest ridge of the Green Mountains and included several of the higher mountains of Vermont. Most of the land is heavily wooded and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The value of the estate exceeds $400,000.

BEQUESTS

A bequest made by Dr. Henry Freeman Walker provides $100,000 for the establishment of a "Furlough and Emergency Fund," the income of which is to be devoted to the needs of the Faculty in providing for occasional periods of rest, recreation, or study, and in relieving the more immediate exigencies of sickness. By the will of Mrs. Russell Sage, the College received $100,000. A fund of $10,000 was established in 1918, which at present has been increased to $60,000 to be known as the "Fletcher D. Proctor Fund for American History," the income of the investment to be applied toward the payment of the salary of a professor to teach American History. By the will of the late Hon. A. Barton Hepburn of New York, the College has received a specific bequest of $200,000 to establish the A. Barton Hepburn Economics-History Professorship Fund. From the same generous source the College has also received a residuary bequest of $250,000 for general needs.

GOVERNMENT AND RESOURCES

The government of the College is by a Board of Trustees whose corporate title is "The President and Fellows of Middlebury College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at $1,675,000. The permanent endowment amounts to $4,250,000. An appropriation of $14,400 will be received this year from the State of Vermont, of which $7,200 is for scholarships. The expenditures for the year 1929-30 were approximately $330,000. The College has never impaired its endowments and is not in debt.

ADMISSION

METHODS OF ADMISSION

STUDENTS are admitted to Middlebury College either by certificate or by examination. Applications should be made to the Director of Admissions and Personnel. After applications have been received the necessary blanks for admission will be sent. Certificate forms are always sent to the principal of the school; other blanks are sent to the applicant.

CERTIFICATION

REQUIREMENTS FOR CERTIFICATION

For admission by certificate 15 points or admission units are necessary. A point is a preparatory school subject pursued one year with five recitation periods a week, except in English where 3 points are given for 4 years' work. These preparatory school subjects are, for purposes of admission to college, grouped under three heads: required points, optional points, and free choices.

I. Required points:

a. Of all students, English, 3 points; Algebra, 1 point; Geometry, 1 point.

b. Of A.B. students, Latin, 4 points; or Greek, 3 points.

c. Of B.S. students, Foreign language, 2 points.

II. Optional points:

Three points from the following groups of options are to be chosen by A.B. students and five by B.S. students.

Language	*History and Social Science*	*Science*
Latin	Ancient History	Mathematics
Greek	European History	Chemistry
French	English History	Physics
German	American History	Biology
Italian	(with or without Civil	Physical
Spanish	Government)	Geography
		Botany
		Zoology
		Drawing

III. Free choices:

Subject to the approval of the Admission Committee, the remaining points may be chosen from any subjects taken in the preparatory school and not already used in making up the required and optional points.

ELIGIBILITY FOR CERTIFICATION

Students in New England from schools upon the approved list of the New England College Entrance Certificate Board may be admitted on certificate of their high school principals. *No total certification for less than eight points will be considered,* but the eight points need not all be from the same school.

Students who have only partial certification totaling eight points or more may make up deficiencies by examinations covering the points in which they are not certified; or they may enter wholly by examination.

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Dean Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Conn.

Subject to the approval of the Committee on Admissions, students outside of New England from schools upon the approved list in their respective states may be admitted on the same basis as those from approved schools in New England.

Students who have passed the examinations of the College Entrance Examination Board, or of the Board of Regents of the State of New York, with satisfactory grades, will be credited upon certificate for all such courses.

Certification will not be accepted in the mathematics courses which are required for admission to the B.S. course if more than one year has intervened between the completion of the study of mathematics in preparatory school and the time for matriculation.

ENTRANCE CONDITIONS

Owing to the necessity for restricting the number of entering students because of the over-crowded condition of the College, the preference will be given to those entering without conditions, but students otherwise highly recommended, may, if there is a place for them, be admitted conditioned not more than two points. Not more than one of these conditions may be in a required subject and no conditions will be allowed in required subjects in which the candidate has no preparatory school record; except that a student with an exceptional scholastic record who has had no modern language may enter conditioned up to two points therein, provided he begins the study of a modern language in college. No student will be allowed to enter the course leading to the B.S. degree conditioned in the minimum mathematics requirement for admission to that course, which consists of one year of Algebra and one year of Plane Geometry.

The methods by which entrance conditions may be removed are as follows:

a. By examination. The regular entrance examinations in September furnish convenient opportunities for those wishing to avail themselves of this method.

b. By an average of 80 per cent in all the work of the Freshman year, which will remove all entrance conditions provided the student's grade in no subject falls below the passing grade.

c. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be cancelled by deducting three credits from his college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that he may have done toward satisfying major and minor requirements, or in meeting his prescribed courses. After the opening of his second year, no student may take an examination to remove entrance conditions.

SPECIAL CERTIFICATION

Students who have graduated from any approved high school in the first third of the class and whom their principals will certify upon the general record of their courses rather than in individual subjects may be admitted provided they have satisfied the required points as stated above for entrance upon the work of either degree. A detailed statement of the high school course will be accepted in each case by the Admission Committee as satisfying the remaining points up to fifteen provided it shows that the student has included in his course the following list of subjects or their equivalents: 4 years of English; 2 years of Mathematics (one year of Algebra and one year of Plane Geometry); 2 years of a foreign language; 1 year of History; 1 year of Natural Science. No conditions will be allowed.

Approved high schools are: in New England, schools upon the approved list of the New England College Entrance Certificate Board; outside of New England, subject to the approval of the committee on admissions, schools upon the approved list issued by the Department of Education in their state.

It is understood that in granting special certification to any student the principal who certifies him is assuming the same obligation for his work that he is for the work of a student to whom he gives regular certification.

LIMITATION OF ENROLLMENT

The membership of the Freshman class is limited. Early application is therefore desirable. Tentative choice of applicants will be made by a series of selections, the first on the twentieth of March preceding entrance, and subsequent ones on the twentieth of each succeeding month until the quota is filled.

EXAMINATIONS

JUNE EXAMINATIONS

Students desiring to make up deficiences in certification by examination or to enter by examination alone may make use of the examinations given by the College Entrance Examination Board, June 15-30, 1931. The College itself gives no examinations in the spring.

Students who desire to enter entirely by examination may make application for admission on the basis of "New Plan" or "Plan B" examinations (examinations in four fundamental subjects). Information on subjects to be chosen for "New Plan" examinations may be secured by application to the Director of Admissions and Personnel.

Examinations will be held in nearly 400 towns and cities in the United States and abroad.

Blank forms for the "Application for Examination" and the "Teacher's Recommendation" may be obtained from the Secretary of the College Entrance Examination Board upon request by mail. The application should be returned to the College Entrance Examination Board, 431 West 117th Street, New York City. The Teacher's Recommendation should be sent directly to the Committee on Admission of the College.

The applications and fees of all candidates who wish to take these examinations should be received by the Secretary of the Board on or before the dates specified below:

For candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi ...	May 25, 1931
For candidates who wish to be examined in the United States at points west of the Mississippi River or in Canada	May 18, 1931
For candidates who wish to be examined in centers outside of the United States and Canada, except in Asia	May 4, 1931
For candidates who wish to be examined in China or elsewhere in the Orient	April 20, 1931

Every application for examination must be accompanied by the examination fee, which is $10.00 for all candidates. This fee should be remitted by postal order, express order, or draft on New York, payable to the College Entrance Examination Board.

An application for examination received later than the date specified above will be accepted when it is possible to arrange for the examination of the candidate concerned, but only upon payment of an additional fee of five dollars.

When a candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a list of the subjects in which the candidate expects to take the Board examinations.

The designation of the center to which the candidate will go for examination is regarded as an indispensable part of the application for examination. A list of places at which examinations will be held in June, 1931, will be published about March 1. Requests that the examinations be held at particular points should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1, 1931.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage of the local public schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test after 9.00 A.M.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1 by the College Entrance Examination Board. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty-five cents, which may be remitted in postage, will be made.

FALL EXAMINATIONS

In the fall, examinations will be given by the College to enable students who have been accepted to make up minor deficiencies.

Candidates who are unable to meet the minimum requirements without depending upon the fall examinations but who can present eight or more units by certificate or on the basis of the examinations given by the College Entrance Examination Board may apply for fall examinations, but it is understood that places in the quota for the Freshman class cannot be guaranteed to such candidates, even if successful in the examinations, unless there is a sufficient number of vacancies in the quota to make possible their acceptance.

ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if he presents a detailed statement of his previous work. This statement should include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been attained. A letter of honorable dismissal from the institution last attended also must be presented, and no student who has been separated from another institution for reasons of scholarship will be granted any academic favor that would not be extended by the institution from which he has been separated.

Only a limited number of students can be accepted in any year by transfer from other institutions, and all students transferring from other institutions will be provisionally classified for their first year. At the close of this period their credits will be adjusted and it will be understood that in making the adjustment the quality of the work done at Middlebury will be taken into consideration.

A student satisfying his instructor of his fitness to do so may take a qualifying examination in any subject of the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle him to college credit for the examination so passed. An examination in Mathematics or Latin so passed will apply toward meeting the mathematical or classical requirement for a degree.

FRESHMAN WEEK

Middlebury, in common with a number of other colleges, has adopted a special plan of orientation for the opening week with the idea of aiding members of the entering class to become adjusted to their new environment as quickly as possible. The program includes a mass meeting of the class on the opening evening, registration, orientation lectures, psychological test, physical examination, sex hygiene lectures and training in use of the library. Each student is assigned to a faculty adviser who assists him in making out his program of studies.

THE COLLEGE CURRICULUM

BACCALAUREATE DEGREES[1]

MIDDLEBURY COLLEGE confers the degrees of Bachelor of Arts and Bachelor of Science.

Every candidate for a baccalaureate degree shall before graduation complete the following requirements according to the Group chosen:

First Year

Group 1—A.B.

1. English, 3 hours each semester.
2. Contemporary Civilization, 3 hours each semester.
3. Ancient Language, 3 hours each semester.
4. Modern Language, 3 or 6 hours each semester.
5. Biology, Chemistry, History, Mathematics,[2] Music or Political Science, 3 hours each semester.

Group 2—A.B. or B.S.

1. English, 3 hours each semester.
2. Contemporary Civilization, 3 hours each semester.
3. Political Science, 3 hours each semester.
4. Ancient Language (A.B.) or Mathematics (B.S.), 3 hours each semester.
5. History, Music, or Laboratory science (Biology or Chemistry), 3 hours each semester.

Group 3—B.S.

1. English, 3 hours each semester.
2. Contemporary Civilization, 3 hours each semester.
3. Mathematics, 3 hours each semester.
4. Science (Biology or Chemistry), 3 hours each semester.
5. Modern Language, History, Music, or Political Science, 3 hours each semester.

Three hours of Physical Education each semester are required of all Freshmen.

[1] The regulations governing the attainment of the degrees of Master of Arts and Master of Science will be found in pp. 118-120.

[2] When a double course in Modern Language counting six credits per semester is elected in the Freshman year the course omitted from No. 5 should be made up by election in the Junior year.

Second Year

Group 1—A.B.

1. English (including American Literature and Drama and Public Speaking), 3 hours each semester.
2. Ancient Language, 3 hours each semester.
3. Modern Language, 3 hours each semester.
4. Biology, Chemistry, Geology and Geography, Mathematics or Physics, 3 hours each semester.
5. Economics, Education and Psychology, Music, Philosophy, Sociology, Drawing and Surveying, Physical Education, or Political Science, 3 hours each semester.

Group 2—A.B., or B.S.

1. English (including American Literature and Drama and Public Speaking), 3 hours each semester.
2. Ancient Language (A.B.) or Mathematics (B.S.), 3 hours each semester.
3. Laboratory science, Education and Psychology, Mathematics, Modern Language, Music, Sociology, Drawing and Surveying, Geology and Geography, or Physical Education, 3 hours each semester.
4. & 5. Drawing and Surveying, Economics or History, Philosophy or Political Science, 6 hours each semester.

Group 3—B.S.

1. English Literature, American Literature, Drama and Public Speaking or Modern Language, 3 hours each semester.
2. Mathematics or Physics, 3 hours each semester.
3. Science (Biology, Chemistry, Geology and Geography, or Physics), 3 hours each semester.
4. & 5. Drawing and Surveying, Economics, Education, History, Philosophy, Sociology, Physical Education, Music or Political Science, 6 hours each semester.

Notes:

1. Shifting from one group to another during or at the close of the first year will not be permitted without the approval of the personal and chief advisers, and then only when the student's record shows clearly that the original course was a mistaken one.
2. Exceptional cases will be decided by the chief adviser upon consultation with the head of the department concerned.
3. A year of Physics or a second year of Chemistry, Biology, or Geology may be substituted for the second year of Mathematics but the requirements governing elections must always be so interpreted that no Sophomore may elect two courses in the same department at the same time.

4. The A.B. requirement in Latin and the B.S. requirement in Mathematics must be continued without interruption until completed.

Third and Fourth Years

1. Three-fifths of the work in each year must be advanced courses following within departments the earlier courses of the first or second year or both. The remaining two-fifths may be chosen without other restriction than the approval of the personal and chief advisers.
2. Advanced courses shall be based, when practicable, upon carefully prescribed prerequisites, which shall be fixed, so far as possible, by conferences of all instructors working in the same and related fields.
3. Three courses may be taken simultaneously in a single department.

REGISTRATION

EVERY student must register his election of courses before the beginning of each semester, at dates which are announced in advance. Upon the payment of his semester bills, class cards are issued to the courses elected. No student will be enrolled in any course until the instructor in charge receives a card from the Registrar admitting him to that course.

ADVISERS

To give students that individual assistance which is necessary to a wise selection of courses all elections made by students should be endorsed by an Adviser. This must be done before the Registrar will send class cards to the courses.

ORGANIZATION OF COURSES

IN explanation of the requirements, it should be noted that the courses of instruction offered by Middlebury College are organized in departments. These departments are arranged in three groups, as shown in the following table:

Language Group	*Social Science Group*	*Natural Science Group*
American Literature	Economics	Biology
Drama and Public Speaking	Education and Psychology	Chemistry
English	Fine Arts	Drawing and Surveying
French	History	Geology and Geography
German	Music	Mathematics
Greek	Philosophy	Physics
Italian	Physical Education	
Latin	Political Science	
Spanish	Sociology	

Most of the courses of instruction offered in the various departments are lettered A, B, or C. These letters refer to the evaluation of the courses so lettered as regards difficulty and the order in which they should be taken; admission to courses of advanced grade is usually gained only by completing one or more appropriate courses of more elementary grade which are designated *prerequisites.*

FRESHMAN YEAR

STUDENTS in the first semester of the Freshman year are limited to five courses, double courses in language counting as two, with the exception that a student who enters with two points credit in a modern foreign language, but is required by the head of the department to take the double course, shall receive credit for a single course and shall take a fifth course.

FRESHMEN in the first semester may take practical work in music, but without college credit. To take six courses in any subsequent year a student must have attained an average of 80 per cent in all the work of the previous year; to take seven courses he must have attained an average of 90 per cent.

DISTRIBUTION OF WORK

While the right to elect three courses simultaneously in one department in the last two years enables each student to concentrate his attention upon those fields which have particular interest for him sufficiently to secure in them a higher degree of attainment than in others in which specialization does not proceed so far, he should be equally solicitous of securing a sufficient distribution of electives to obtain for himself that variety of interest and breadth of view which graduation from a college of liberal arts implies.

ELECTIVE COURSES

The curriculum requirements involve less than one-half of the total number of courses required for graduation and permit the student, therefore, a wide range of free electives. The remaining courses necessary for graduation may be obtained by completing any of the courses, within the limits of the requirements described above, which are open to election by the class of which the student is a member. With few exceptions, courses are open to election by two classes and a large number may be elected by three classes in the years designated. A few courses are unlettered; these may be chosen in the years designated and will be counted toward graduation like other courses. Before registering, a student should consult carefully the hours at which the different courses are scheduled to recite.

No change in studies will be allowed during the first week of classroom work except by permission of the Chief Adviser. During the second week of classroom work a change may be made only with the permission of the Chief Adviser and the Instructor involved, and the payment of a fee of

$5. For making a change during the third week of classroom work a fee of $10 will be required. The fee in each case must be paid to the Registrar before the new Admittance Card is given to the instructor. After the third week of classroom work no change may be made except within a department and upon the initiative of the instructor.

RECITATION REQUIREMENTS

The student's work is estimated in semester hours and courses. A semester hour means one period of class work per week for one semester. Laboratory courses require double periods, each double period counting the same as one hour of recitation. The normal number of courses of study required of each student is five. The circumstances under which more or less than this number may be taken are explained elsewhere. All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of classroom work required is fifteen recitation hours a week, exclusive of preparation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow two hours of time for the preparation of each hour of recitation, except in laboratory courses, and the best results of collegiate training cannot be expected from less.

REQUIREMENTS FOR GRADUATION

The satisfactory completion of 40 semester courses of 3 hours or more each per week, or their equivalent in year courses, is required for either degree.

At the discretion of the Chief Adviser, a member of the class of 1931 may have permission, during either semester of his Senior year, to take one more semester course than the number to which he is entitled by his grades, if necessary to complete 40 courses. Seven is the highest number of courses that may be taken at one time. Students are charged $25 a semester for each extra course.

DEPARTMENTS AND COURSES OF INSTRUCTION

Most of the courses meet three times a week. The year in which a course would be elected most effectively by the average student is clearly indicated by the number used to define the course: numbers from 11 to 19 inclusive indicate courses; from 31 to 39, Junior courses; and from 41 to 49, Freshman courses; numbers from 21 to 29, Sophomore Senior courses. Figure 1 following the decimal point in the number of a course (*e.g.,* 21.1) shows that it is a first semester course; figure 2 (*e.g.,* 21.2) that it is a second semester course; the number without figure following decimal point (*e.g.,* 21.) indicates that it is a year course. Unless otherwise stated semester courses carry 3 credits and year courses 6 credits toward the required 120.

Prerequisite courses are shown in parentheses. *Bracketed courses are not given in the current year.* Not more than three courses in one department may be taken at the same time except by permission of the Administration Committee. In any modern language, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

AMERICAN LITERATURE

Mr. Cook

21.1, .2 American Literature. B

A study of the main currents of literary thought in America to 1900, with particular emphasis on selected works of the major writers of the nineteenth century. (English 11.)

31. The American Novel. C

A study of the main tendencies in the development of the novel in America. (American Literature 21.1 & .2.)

[41.1 Contemporary American Poetry. C]

A study in contemporary American poetry as revealed in the work of outstanding writers. (American Literature 21.1 & .2.)

[41.2 The Short Story. C]

A study of the development of the short story in America, with optional practice in writing. (American Literature 21.1, .2.)

BIOLOGY

Professor Longwell

Professor Barney

Miss Turner

11. General Biology. A

An introduction to the fundamental biological laws and to the study of the interrelation of organisms; structure and function of physiological systems; laboratory study of selected animals and plants.

Laboratory fee, $20 for the year.

Professor Longwell.

21. Comparative Anatomy of Vertebrates. B, C. Grad.

A comprehensive study of vertebrate structure with special reference to man, adaptation and evolution. Dissection of selected animal types. (Biol. 11.)

Laboratory fee, $20 for the year.

Professor Longwell.

22. Structure and Physiology of Plants. B

The morphology and physiology of seed plants; a general survey of the plant kingdom from the viewpoint of comparative morphology and physiology. (Biol. 11.)

Laboratory fee, $20 for the year.

Professor Barney.

31. General Bacteriology. C. Grad.

Lectures and laboratory practice; structure and physiology of bacteria; the technique of their study; preparation of stains, reagents, culture media; determination of species; the bacteriology of water, sewage, milk, shellfish; animal immunity. (Biol. 11.)

Laboratory fee, $20 for the year.

Professor Barney.

[32.1 Natural History. C]

Comparative anatomy of invertebrates; identification of species; life histories; environmental studies; habitats; relations with man. Designed for advanced students of biology expecting to become teachers or instructors in nature study. Lectures, field and laboratory exercises. (Permission.) Seniors and Juniors.

Laboratory fee, $10 for the semester.

41. General Physiology. C. Grad.

The functions of organs of the human body; physical and chemical nature of protoplasm; the structure of cells, cell physiology; chemistry of foods; digestion; metabolism; circulation; respiration; endocrine function; the vitamins; excretion; the neuro-muscular mechanism. Designed for the general student and those interested in dietetics, hygiene, physical education, and medicine. (Biol. 11.) (Desirable antecedents, Chem. 11. and Biol. 21.)

Laboratory fee, $20 for the year.

Professor Barney.

42. Genetics and Embryology. C. Grad.

First semester—genetics: theories of organic evolution; the principles of variation, selection, and heredity; the material basis of heredity, Mendelian inheritance and the application of its principles in animal and plant breeding and eugenics. Designed not only for students in biology but also for those specializing in the social sciences.

Second semester—embryology: a study of the development of the human body. Reproductive cells, maturation, fer-

tilization, cleavage, and the development of the principal organs. The laboratory work consisting of practical histological technique, a study of the elementary tissues, early stages in the development of the chick, dissection and study of the later embryonic stages of the pig. (Biol. 21.)

Laboratory fee, $10 for the year.

Professor LONGWELL.

CHEMISTRY

Professor VOTER*
Assistant Professor HALLER
Assistant Professor WOMACK
Mr. THOMAS
Mr. TEMPLE

A deposit fee to cover cost of broken apparatus is charged in each laboratory course, to be paid to the Treasurer at the beginning of each semester.

Students seeking Honors in this Department should consult with Head of the Department regarding additional requirements to those listed elsewhere in this catalogue.

11. GENERAL CHEMISTRY. A

Introduction to the fundamental principles of general chemistry, with the preparation and study of the elements and their more common compounds in the laboratory.

Laboratory fee, $20 for the year and breakage.

Mr. THOMAS and Mr. TEMPLE.

21. QUALITATIVE ANALYSIS. B

Lectures on the applications of Physical Chemistry to Qualitative Analysis and discussions of the scheme. Laboratory work in the complete analysis of unknown solutions and solids, including salts, alloys and minerals. (Chem. 11.)

Laboratory fee, $20 for the year and breakage.

Assistant Professor HALLER and Mr. TEMPLE.

*On leave.

23. Descriptive Organic Chemistry. B

Lectures and laboratory work on the carbon compounds. The methods of synthesis, properties, structure, industrial application, and physiological action of the more important members of each group are studied in detail. (Chem. 11.)

Laboratory fee, $24 for the year and breakage.

Assistant Professor Womack.

[25. Biological Chemistry. B]

Lectures and laboratory work. A brief survey of Qualitative Analysis, Descriptive Organic and Biological Chemistry. This course is designed especially for students who wish to specialize in the Department of Home Economics. (Chem. 11.)

Laboratory fee, $16 for the year and breakage.

Assistant Professors Haller and Womack.

31. Quantitative Analysis. C. Grad.

Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chem. 21. or 23.)

Laboratory fee, $20 for the year and breakage.

Mr. Thomas.

[33. Historical Chemistry and Chemical Literature. C. Grad.]

A brief survey of the history of chemistry and development of chemical theory. A study of the literature of chemistry. One hour a week. (Chem. 21. or 23.)

Professor Voter.

41. Physical Chemistry. C. Grad.

Lectures and laboratory work. A systematic presentation of modern chemical theory. The subject matter includes Atomic and Molecular theory; gases, liquids and solids; theory of solution; colloid chemistry and adsorption, reaction velocity, catalysis, and equilibrium in homogenous systems; The Phase Rule, Thermochemistry and Electrochem-

istry. This course alternates with Chem. 45. (Chem. 21., 31., at least simultaneously.)

Laboratory fee, $20 for the year and breakage.

Assistant Professor HALLER.

43. ADVANCED ORGANIC CHEMISTRY AND ORGANIC PREPARATIONS. C. Grad.

Advanced lectures on the carbon compounds and the principles of organic synthesis. Laboratory work on the preparation of typical compounds. Ultimate analysis. (Chem. 23., 31., at least simultaneously.)

Laboratory fee, $24 for the year and breakage.

Assistant Professor WOMACK.

[45. INDUSTRIAL CHEMISTRY. C. Grad.]

Lectures on the principal chemical industries, such as fuels, acids, gases, coal tar, etc. A study of the chemical reactions and apparatus used on a large scale. No laboratory work. This course alternates with Chem. 41. (Chem. 23., 31., at least simultaneously.)

Fee for industrial trips, $6 for the year.

Assistant Professor HALLER.

[47. CHEMICAL MICROSCOPY AND SPECTROSCOPY. C. Grad.]

One lecture and one laboratory period a week. Microscopic methods applied to chemical investigations. Study of crystalline compounds, recognition of paper and textile fibers. Rapid inorganic chemical analysis of minute samples. Spectroscopic methods applied to chemical investigations. Mapping and photographing spectra, sectroscopic analysis, detection of impurities. (Chem. 21., 23. and 31.)

Laboratory fee, $20 for the year and breakage.

Assistant Professor HALLER.

51. RESEARCH. C. Grad.

Open to properly qualified students. Recommended for candidates for the Master's degree and for Seniors seeking honors in chemistry. Laboratory fee and breakage to be arranged individually.

a. Inorganic and Analytical Chemistry. Professor VOTER.

b. Organic Chemistry. Assistant Professor WOMACK.

c. Analytical and Physical Chemistry. Assistant Professor HALLER.

55. RESEARCH. C. Grad.

Same as Chem. 51. Open only to graduate students doing more or less than the regular course of three hours a week.

CONTEMPORARY CIVILIZATION

(Sociology 11)

Professor KINGSLEY

Associate Professor SHOLES

PROBLEMS OF CONTEMPORARY CIVILIZATION

Contemporary Civilization is not a department of the College, which it might well be, but a survey or an orientating course. Each Freshman is required to take this course in order to become more familiar with the thoughts and problems of the present day. It is given under the Department of Sociology and is therein listed as Sociology 11. The College is convinced that each student should know the great development of our civilization and the problems facing our present age and also the great theories set forth as possible solutions. One-half of the year will be spent upon the greater scientific concepts of our civilization, while the latter half of the year will be spent in considering the great social concepts of our civilization. During the course about forty problems in astronomy, biology, physics, economics, psychology, sociology and education will be considered. The work in a course of this character will be general and not in detail, yet it will be as thorough as a detailed course because it treats only the greater concepts, laws and problems of our civilization. It is not intended that the student shall feel that he has acquired sufficient knowledge to definitely solve the problems of society; but that he will be impressed with the magnitude of the problems and the necessity for

a good early solution. It is expected that the student will be impressed with the great concepts of our civilization and of the means society has used to gain those impressions. The course will consist of three discussion and lecture periods per week. There will be about forty lectures, the student will be expected to read nearly 5,000 pages during the year. The tutorial system will be used; each student will meet in conference at least twenty times during the year with his professor. Over fifty periodicals and several hundred books are used in this course. Recitations, conferences, forums and lectures are frequent enough and so correlated as to make a valuable exploratory background for thoughtful work in the more advanced years of the college course.

Library fee, $10 for the year.

DRAMA AND PUBLIC SPEAKING

Assistant Professor GOODREDS

This department covers the work in play production, stage design, in playwriting, the study of modern drama, public speaking and debating.

DRAMATICS

The dramatic work has its center in the College Playhouse. Here all the college plays are given. The Middlebury College Dramatic Club, open to all, has more than a third of the undergraduates as members. Those excelling in the various forms of dramatic production, such as acting, lighting, costuming, stage design, stage carpentry, etc., are selected as members of the courses in Play Production, who with the instructor in charge as Director of the Playhouse, have charge of all the production work. Members of the courses in Playwriting and Play Production are eligible to try for the Swift One-Act Play Prizes for 1930-31 of $75, $50 and $25.

The courses are adapted to develop the students to the point where they may take charge of similar courses in college or in school, or be community leaders in the little theatre movement.

22. PRINCIPLES OF SPEECH. B

A study of the principles which underlie effective speech, special reference to phrasing, inflection, and emphasis; preparation and delivery of short and long extemporaneous

speeches on topics of current interest, supplemented by drill in breathing, articulation, gesture, and reading from the printed page. The correction of faults in tone (nasality, throatiness, breathiness), and sluggishness in speech. Emphasis upon development of resonance. Seniors, Juniors and Sophomores.

31. Contemporary Drama. B

English, American and some Continental drama of the present dramatic era. The course will deal mainly with the authors from Ibsen up to the present day, but will not confine itself to the study of plays written within a certain arbitrary period. The dramatic movement of recent times affords a unity that transcends that of dates. The work will attempt to apply the principles of this unity to the selection of plays for class study. Lectures, reading of a large number of plays, discussion. Alternates with 43. Seniors, Juniors and Sophomores.

32. Play Production. C

This course considers the organization of dramatics in schools, colleges, and community houses; it offers a study of the contemporary methods of Play Production; the principles and problems involved in producing plays, staging, costuming, make-up, acting, lighting, directing, scenic design, etc., through the practical medium of the presentation of four long plays and numerous one-act plays in the College Playhouse, in cooperation with members of the Dramatic Club. A study of plays available for production is made along with the study of production methods, thus building up a background of information necessary for intelligent adaptation of material. The applicant must have been actively interested in dramatics for at least one year before acceptance in the course. Each student is expected to spend several hours a week in laboratory work. (Permission.)

Laboratory fee, $10 per year.

42. Technique of Playwriting. C

Playwriting from the study of its principles, through their application in actual writing, first of adaptations of short stories, through one-act original plays, to study of the longer form, in the second semester, with the writing of full-time plays, or an equivalent number of short plays. The scenarios of the students are read, discussed and worked out in class, and subjected at every period of their development to the test of stage presentation. Plays of the best authors are utilized as laboratory material, to familiarize the student with the various play forms. The course serves to show the history and development of dramaturgy. The best plays written in the course are produced in the College Playhouse. (Permission.) Seniors and Juniors.

[43.1. Play Direction and Dramatic Interpretation. C]

This course offers training in the principles of play direction and the elements of acting which are included in the proper interpretation of dramatic rôles; emphasis upon different forms of dramatic reading from numerous plays, training in diction, use of voice for dramatic effectiveness, modulation, stressing and inflection; study of pantomime and stage business. The plays used in laboratory study will be the plays produced in the Playhouse Repertory. Opportunity is given for some direction in the final production of these plays. (Permission.) Alternates with 31. Seniors and Juniors.

Also see English 26.

DRAWING AND SURVEYING

Professor Swett

21. Mechanical Drawing. A

Designed for two classes of students, (1) those preparing for the engineering profession, (2) those desiring a course

in graphics as a preparation for making and reading plans and graphs.

Instrument fee, $5.

31.1 Advanced Drawing.

A continuation of D. & S. 21. For part of the semester each student will elect some branch of drafting for specialization. (D. & S. 21.)

Instrument fee, $2.50.

31.2 Surveying and Topography. B

Lectures, field work, and drafting. Use of instruments; computations; plotting. (D. and S. 21. and Math. 11.)

Instrument fee, $2.50.

ECONOMICS

Professor Fife

Assistant Professor Rusby

21. The Elementary Principles of Economics. A

An introduction covering the general field of economics. The basic concepts. The production and exchange of wealth. Value and price. The mechanism of exchange—money and banking, marketing, international trade, etc. The distribution of wealth—rent, wages, interest and profits. Labor problems. The types of economic organization of society—capitalism, socialism, communism, etc. Government finance and taxation.

Sophomores and Juniors. (Seniors by permission.)

Assistant Professor Rusby.

31.1 The Financial Organization of Society. B

A survey course. The development and functioning of financial institutions. Money and credit. Corporations and their financing. Commercial, investment, and savings banks. The American banking system. The stock exchange. Financing agriculture, real estate, etc. (Economics 21. or 22.)

Professor Fife.

33.1 Marketing and the Principles of Exchange. B

A study of market structures, and the marketing process, with special reference to agricultural products, raw materials, producers' and consumers' goods. Marketing functions, and the middleman structure. Relations between consumers, middlemen and producers. Co-operative marketing. Cases and problems. A case study is required. (Economics 21. or 22.)

Assistant Professor Rusby.

33.2 Transportation Economics. C

The development and significance of the modern systems of communication. The principles of land and water transportation. American experience and problems. The Interstate Commerce Commission and the railways. The Merchant Marine past and present. Government Control and Government Ownership of transportation facilities. Labor Problems and the Carriers. (Economics 21. or 22.)

Assistant Professor Rusby.

35.2 Money and Banking. C. Grad.

An advanced study of money and prices, modern commercial banking systems, the Federal Reserve System, and International Banking. (Economics 31.1.)

Professor Fife.

41. Labor Conditions and Problems. C. Grad.

The course deals first with the origin of labor problems, the rise of capitalism and the wage system, freedom of contract, etc. Second, labor conditions and the standard of living. Third, the worker's approach to their own problems—collective bargaining, the trade union, and the workers' philosophy. Fourth, the Employers' approach to the labor problem — the employers' associations, labor management, and employer philosophy. Fifth, the social approach to the labor problem—the social conflict between capital and labor, labor legislation, and social goals and welfare. (Economics 21. or 22.)

Assistant Professor Rusby.

42.1 Government Finance. C. Grad.

The evolution of Government Finance. Governments as collective spending agencies. The modern increase in public expenditures, and the need for budgeting. The various forms of revenue. Taxation and tax incidence. Public industries, public domain, and public monopolies. Public credit, and the public debt. (Economics 21., also open to students taking major work in Government.)
Professor Fife.

[42.2 Social Control of Economic Activity. C. Grad.]

The course is conducted on seminar basis with thesis. It aims to discuss the economic philosophy of modern times, and deals primarily with the relations between government and the economic activities of the people such as competition and monopoly, regulation and control, promotion and prohibition, capitalism versus socialism, and other suggested forms of economic organization of society.
(Four semesters in Economics, or permission.)
Professor Fife.

43.2 International Trade. C. Grad.

International Trade in theory and practice. Our markets and competitors. Governmental regulation of international trade. Free Trade, Tariffs, Reciprocity, Preferences, and most favored nations agreements. (Four semesters in Economics.)
Professor Fife.

[44.2 Business Administration and Scientific Management. C]

Business Organization and executive control. The Problems of Personnel Management. Scientific management, and Business Budgeting. (Six semesters in Economics.)
Professor Fife.

45.2 Corporation Finance and Investment. C. Grad.

The rise of Corporate forms of organization. The promotion and financing of the corporation. Raising and managing

capital. Principles of investment, and the analysis of securities. (Economics 21. and 31.1 and one other course in Economics.)
Professor Fife.

46. Honors and Special Courses. C. Grad.
Special courses for graduate and honor students and for research work may be arranged to suit the needs of such students as may be from time to time concerned.

47.1 The Principles of Accounting. B
Interpretative accounting. The bookkeeping process is reduced as much as possible, and interpretation stressed. (Major work in Economics.)
Professor Fife.

Note: Those interested in economics as their major study are advised to elect as many of the following courses as possible: economic geography, economic history, business law, mathematics of finance and statistics. Courses in psychology, philosophy and sociology are also recommended where possible. These are regarded as related and allied fields. Honor students must offer Economic History (Hist. 32.) and Economic Geography (G. & G. 25. 1, .2.). Students preparing for business should make a special effort to secure a good grounding in English.

Honor students are required to take a written general examination covering the special field of interest, and an oral general examination covering the entire field of economics as offered in the courses. In addition a thesis is required based on independent study and research.

EDUCATION AND PSYCHOLOGY

Professor Howard
Professor Kingsley
Professor Adams

21.1 Introduction to Psychology. A
A study of the essential facts and principles of human behavior. The inborn tendencies and their functions; the various conscious processes; learning and habit formation; intelligence; individual differences; factors in human personality; social behavior; fields and methods of psychology. (Open to the three upper classes.) Prescribed for students

of Education and recommended for those in Philosophy and Sociology.
Professor Howard.

22.2 Social Psychology. B
A study of the forms of human behavior which characterize the group; their relation to social progress, nationality, community and institutional life, and individual development. (Educ. 21.1.)
Professor Howard.

23.1, 23.2 History of Education. C
The historical evolution of educational theories and practices. Great educational reformers and their influences. Present-day education in relation to the past. Following a study of the European background, emphasis will be given to the development of present American systems of education. (Given both semesters, 1930-31.)

32.1 Educational Psychology. C
Innate tendencies and capacities; heredity; individual differences and their significance in education; individual and group intelligence tests; types and principles of learning; mental training and transfer; mental attitudes; educational tests and their uses. (Educ. 21.1, .2.)
Professor Howard.

34.1 Principles and Problems of Education. C
The scientific and philosophical bases of current educational practices. The aims of education. Principles involved in the selection and organization of subject matter and in the learning process. Aims and achievements of recent re-organizations. Study of such problems as interest and motivation, individual differences, moral and civic instruction, training for appreciation, efficiency in the school room. Use of tests and statistical methods.
No text. Extensive readings. Book fee $5 (one B course).
Professor Kingsley.

41.1 Methods in Secondary Education. C

Study of types of teaching, types and functions of recitation, supervised study, collection and use of materials, use of teaching devices, general and special method, technique of instruction, text-book criticism, assignment and presentation of lessons and use of educational literature. (One B course in Educ.) Seniors only.
Professor Adams.

41.2 The Psychology of Secondary Education. C

The adolescent personality with special application to problems of instruction and administration in the secondary school. Psychology of the learning process and individual differences applied to the organization and teaching of high school subjects. (Educ. 21.1.)
Professor Howard.

42.1, .2 Practical Work in Education. C

A limited number of qualified seniors are given an opportunity to do apprentice work at the local high school. This consists of observation, reading papers, supervising laboratory work, giving special assistance to pupils individually or in small groups, and at times taking charge of the class under the direction of the teacher. The details of the work will vary according to the nature of the subject but each apprentice teacher will be given much first-hand experience with problems of management and instruction. Frequent group conferences with an instructor in the Department will be required.
Professor Howard.

Courses in Special Methods.

The following department offers courses in special methods. Descriptions of these courses are given under the announcements of the respective departments.

French
History
Home Economics
Latin
Mathematics
Physical Education
Spanish

43.2 Educational Administration and Seminar in Education.

For students who plan to become supervisors or principals. Standards of excellence in teaching and supervising. Aims and techniques in the school subjects. School surveys. Means of rating systems, methods, and teachers. Problems involved in developing morale in teaching staff and community. Procedures in effective supervision.
(A grade of 80 per cent in two B courses required to enter without special permission.)
Professor Kingsley.

ENGLISH

Professor Beers
Professor Cady
Assistant Professor Perkins
Assistant Professor Owen
Mr. Cook
Mr. Hammond
Mr. Lee

*I. Freshman Required Course:**

11. History of English Literature. A

Required of all Freshmen.
A rapid but intensive survey of all the periods of English Literature studied in chronological order with direct relation to historical background. Representative works from all the major and from many minor literary men are read. While primarily a course in the History of Literature training in composition is given and definite theme assignments are made for each month.
Professor Beers, Assistant Professors Perkins and Owen, and Instructors Cook and Hammond.

*Note: Freshmen who have had a course in the History of English Literature in high school may, upon passing an examination in September with a grade of 75, be excused from this course, but must elect other English courses of B grade. Examination carries no credit for the course.

(No student will be allowed credit for Freshman English, English 11., History of English Literature, who has failed to attain an average of 75 in his composition work for freshman year. When such student can give evidence that he has passed English Composition, English 21., credit for his Freshman course will be restored.)

II. Courses in Literary History:

41.1. English Literature from the Anglo-Saxon Period to Chaucer. C. Grad.

The work extends chronologically from about 500 to about 1350 and includes readings from the Old and Middle English prose and poetry. The Old English will be read in translation, the Middle English in the original. (English 11. and permission.)
Professor Beers.

31. English Literature from 1400 to 1650. C

A study emphasizing the literature, with the exception of the drama, as a record of the main currents of thought throughout the period. The early humanists, Spenser and Milton, will receive the major emphasis. (English 11. and permission.)
Professor Cady.

[32. English Literature from 1650 to 1800. C]

A study in the development of literature from 1650 to the beginning of the nineteenth century. Particular consideration given to the Neo-classic school and to the Pre-Romantic writers. (English 11. and permission.)
Professor Cady.
(These courses are given alternate years.)

22. Prose and Poetry of the Romantic Period. B

The major representatives of the Romantic Movement, from Wordsworth to Tennyson, including the forerunners of the movement and its underlying philosophy. (English 11.)
Professor Beers.

[23. Prose and Poetry of the Victorian Period. B]
The Victorian poets and essayists. Particular attention to the poets—Tennyson, Browning, Rossetti, Morris and Swinburne and to the essayists—Carlyle, Ruskin and Arnold. (English 11.)
Professor Beers.
(These courses are given alternate years.)

III. Courses in the Drama:

25. Shakespeare. B
A detailed reading of certain typical plays combined with more rapid reading of the rest with the purpose of developing an intelligent appreciation of them as drama. (English 11. and permission.)
Professor Cady.

35. Elizabethan Drama. C
The main trends of dramatic development from the beginings in the liturgy of the church until the closing of the theaters in 1642, with especial attention to the growing perception of dramatic theory and technique. (English 11. and permission.)
Professor Cady.

42. Studies in Shakespeare. C. Grad.
A concrete presentation, through the detailed consideration of a few plays, of a number of the chief problems in Shakespearean criticism and research. (English 25. and permission.)
Professor Cady.

IV. Courses in Composition:

21. Composition. B
A study of the principles and theories of composition. Elementary work, intended for students who need training in the rudiments of writing. (English 11. and permission.)
Mr. Hammond.

26. Argumentation and Debate. B

The theory and practice of argumentation. A study of principles, assembling material and briefing arguments with extensive practice in formal debate. Each student is required to take part in at least one public debate. (English 11. and permission.)
Assistant Professor Perkins.

36. Introduction to Principles of Journalism.

A study of the universal elements of composition as present in news writing. Daily written assignments. Introductive work in other journalistic forms during the second semester. (English 11., one composition course and permission.)
Mr. Lee.

38. Advanced Composition. C

Designed for students especially interested in writing as an art. Specific forms such as the Essay, Short Story and Poetry will be studied to determine the nature of their structure, the artistic principles underlying them, and the technique involved in writing them. (English 11. and permission.)
Mr. Hammond.

V. Courses in the study of Types and Forms of Literature and of Individual Writers:

24. The English Novel. B

A study of the development of English fiction from the beginnings through Conrad. Reading and discussion of representative novels by the best novelists, study of personalities, influences, movements, story types and critical standards presented in class by the instructor. (English 11. and permission.)
Assistant Professor Perkins.

34. Comparative Fiction. C

A comparative study of recognized masterpieces of Continental fiction, based on the student's knowledge of the his-

tory of English literature and of the English novel in particular. Reading and analysis of outstanding novels from Russia, France, Germany, Spain and Italy, with emphasis upon class reports and discussion by the students. Talks by the instructor on additional books and writers, and on the history and background of the novel in each of the countries considered. (Two years of English and permission.)
Assistant Professor PERKINS.

33.1 THE ROMANTIC REVOLT IN EUROPEAN LITERATURE. C

The philosophies of classical, neo-classical and romantic art, with special emphasis on the latter. The traditions of eighteenth century culture in France will be studied as a basis for the proper understanding of Rousseauism. After an investigation into the characteristics of the romantic attitude, the embodiments of that attitude in the principal monuments of French, German and English literature will be considered. (Permission.)
Assistant Professor OWEN.

33.2 THE POETRY OF ROBERT BROWNING. C

An intensive study of the poetry of Browning. The manifold philosophic, musical and artistic interests of the poet will be considered as they reveal themselves in his work and an effort will be made to interpret that work in the light of a cultural background which has no equal among English writers. (Permission.)
Assistant Professor OWEN.

41.2 CHAUCER. C

Practically all of Chaucer's work will be read. The influence of Chaucer on the development of English literature, attitudes of scholars and critics toward Chaucer. Informal discussions, readings and reports. (English 11. and permission.)
Professor BEERS.

[43. POETICS. C Grad.]

The study of the groundwork of poetic appreciation.

44. Research and Special Work. C. Grad.

Students properly qualified to do independent study will be given opportunity to carry on special work under the direction of a member of the Department.
Professor Beers.

Comprehensive Examination in English. All students, the major portion of whose advanced work is in the Department of English, will be required to take a Comprehensive Examination in English Literature at the end of their Senior year. The examination will be of such scope as to test the students' knowledge of the development of the literature from the Anglo-Saxon period to the present time and their ability to use the English language in oral and written form. Students attaining a grade of 75 in the examination will be exempt from final examinations in the courses within the department. Others will have the privilege of taking the regular final examinations. Any student, however, who fails to secure a grade of 50 in the Comprehensive Examination will not be allowed this privilege. (This ruling will be effective with the class of 1931.)

Honors in English. To attain honors in English the student must present a thesis which will give evidence of thorough investigation and research of a particular topic and will be required to attain a grade of 85 in the Comprehensive Examination. (This requirement is supplementary to the general requirement for Special Honors stated in the General Catalogue.)

FINE ARTS

Professor Burrage
Assistant Professor Owen

31. The Appreciation of Art.

Assistant Professor Owen.

32.1 Greek Art.

Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. Writ-

ten tests come frequently. The art and civilization of Assyria, Egypt, and other nations whose work had a formative influence on the Greeks are treated by way of introduction to Greek art proper.
Professor Burrage.

FRENCH

Professor Freeman
Associate Professor Ranty
Assistant Professor Binand
Assistant Professor Boorsch
Mlle Bourgarel

11a. Beginners' French.
A careful training in the elements of French grammar, with emphasis on pronunciation and conversation. Reading of simple selections. Conducted chiefly in French, and designed to give the student a solid foundation for further study of spoken and literary French. (For all students having insufficient preparation in French.) Six hours a week.
Associate Professor Ranty.

12. Intermediate French. A
A general review of grammar; composition, dictation, conversation; reading from the best French authors. Designed to give students entering college a thorough preparation in the spoken language, and a solid grammatical foundation for the more advanced work. (For all students offering two or three years of preparatory French, or French 11a. Two sections of men, three sections of women.)
Associate Professor Ranty, Mlle Bourgarel.

21. Intermediate Composition and Reading. B
Composition of moderate difficulty based on a French text, a review of grammar, free composition, dictation and conversation. Reading of modern prose, short novels, plays, with discussion in French of the works read. Designed to

give the student a command of the written and spoken language, and to enable him to read easily and assimilate a literary text. (For Juniors and Sophomores. Prerequisite, French 12.) One section of men, three sections of women. Professor FREEMAN, Assistant Professors BINAND and BOORSCH, Mlle BOURGAREL.

31. GENERAL SURVEY OF FRENCH LITERATURE. C

A rapid but intensive study of works of the best authors, from the Middle Ages to the end of the nineteenth century, including representative plays, poetry, and novels. Written reports. Class discussion of literary values, and an outline of literary history. (For Seniors, Juniors and Sophomores. Prerequisite, French 21.)
Professor FREEMAN, Assistant Professor BOORSCH.

32. ADVANCED GRAMMAR AND ADVANCED COMPOSITION. C. Grad.

A systematic and thorough review of French grammar, with special stress upon the difficult points of syntax; vocabulary building; French idioms; composition based on idiomatic texts; translation into French of English stylists; an introduction to commercial letter-writing and practice in free composition. Designed to give the final preparation in grammar to students who intend to teach French. (For Seniors and Juniors. Prerequisite, French 21.)
Professor FREEMAN, Assistant Professor BINAND.

41.1 PHONETICS AND DICTION. C. Grad.

An analytic and comparative study of French sounds. A description of the organs of speech. Practice in the phonetic alphabet. Special attention given to the difficulties experienced by American students in perceiving, producing, and combining French sound groups. Systematic exercises in pronunciation and intonation. The use of phonetics in teaching French in high schools. (For Seniors. Prerequisite, French 21.)
Associate Professor RANTY.

41.2 Methods of Teaching French. C. Grad.

A study of the modern methods of teaching French; extensive reading in the recent treatises on modern language pedagogy. The direct method and its applications; the selection of textbooks; the use of realia in the classroom; practical demonstrations of class work, and practice teaching. (For Seniors. Prerequisite, French 21.)
Professor Freeman.

42. Conversation and Vocabulary. C. Grad.

Designed to develop fluency in speaking French, and a command of idiomatic expression. Organized vocabulary development and oral composition on the basis of French life and customs. (For Seniors and Juniors. Prerequisite, French 21, and permission.) May be taken either half year for credit.
Assistant Professor Binand.

43. French Literature of the Nineteenth Century. C. Grad.

A detailed study of the great literary movements of the last century; romanticism, realism, and symbolism. Careful analysis of texts and literary theories in class discussions; extensive outside reading of novels, plays and poetry; written and oral reports. A survey of literary history continued down to the present, with an attempt to indicate the chief tendencies of contemporary literature. (For Seniors and Juniors. Prerequisite, French 31.)
Assistant Professor Boorsch.

44. French Civilization. C. Grad.

An analysis of the development of the French nation. The geography of France; an outline of its political history; the growth of its arts, sciences and institutions; the meaning of French culture, and of French political, educational and religious life; and an interpretation of modern France in the light of its history and growth. Designed to help students to understand the country and its people, either for

teaching or for travel. Especially recommended in preparation for the Comprehensive Examination. (For Seniors. Prerequisite, French 31.)
Assistant Professor BOORSCH.

45. SPECIAL. (Individual research in a restricted field.)
C. Grad.

Candidates for the Master's Degree and Seniors, if properly qualified, may be permitted by the Chairman of the Department to undertake a special problem in reading and research under the direction of some member of the department. This work, which will count as a full course, will require at least nine hours of study a week. The student will meet the instructor one hour each week, for discussion and guidance. A thesis, or an examination, or both, will be required at the end of the course. Properly qualified graduate students may undertake two such separate problems.

a. Literature, from the Middle Ages to the contemporary period.
Professor FREEMAN, Assistant Professor BOORSCH.

b. Civilization, Geography, and History.
Assistant Professor BOORSCH.

c. Grammar and Teaching Methods.
Professor FREEMAN.

d. Phonetics.
Associate Professor RANTY.

Note 1: All courses in the French Department are conducted in French, at the Chateau. Students intending to teach French after graduation should attend at least courses 31., 32., 41.1 and 41.2.

Note 2: All students whose major work lies in the department of French will be required to take at the close of their senior year a Comprehensive Examination, covering all their work in the department. It will test especially their mastery of the French language, oral and written, and their understanding of the literature and life of the country. Those who pass this general examination with a grade of 75 will be excused from the final examinations in their courses in the department. Others will be allowed to take the usual final examinations to obtain their degree. Candidates for Honors in French will be required to attain a grade of 85 in the general examination, and submit in addition a thesis embodying the results of special work done during the senior year under the direction of a member of the Department.

Note 3: No thesis is required for the Master's Degree except such dissertations as are required in the separate courses pursued.

GEOLOGY AND GEOGRAPHY

Professor SWETT
Assistant Professor SCHMIDT

21.1 PHYSICAL AND STRUCTURAL GEOLOGY. A
The physical features of the earth; the agencies responsible for our topography; the structure of the earth's crust; and the more important rocks and minerals. Field trips.
Assistant Professor SCHMIDT.

21.2 HISTORICAL GEOLOGY. B
The probable origin of the earth; the rise and evolution of organic forms as disclosed by fossil remains and the causes responsible for this progressive development; and the past history of oceans, climates, and continents. Field trips. (Geo. 21.1.)
Assistant Professor SCHMIDT.

25.1 THE ELEMENTS OF GEOGRAPHY. A
The physical geography of the world; its relation to all life, especially to man; its effects on his material needs, his occupation, his efficiency, and his higher needs.
Professor SWETT and Assistant Professor SCHMIDT.

25.2 ECONOMIC GEOGRAPHY. B
Natural resources and the distribution of products and commodities as influenced by geographic conditions; the relation of these resources to the growth of communities and nations, to agriculture, to industry and to commerce. (Geo. 25.1.)
Professor SWETT and Assistant Professor SCHMIDT.

31.1 MINERALOGY. B
The identification of the important minerals by blowpipe, flame, assay, bead and sensitive chemical test. The crystal structure of the minerals will also be considered. Field trips. (Geo. 21.1 or Chem. 11.)
Laboratory fee, $5.
Assistant Professor SCHMIDT.

31.2 Economic Geology. C

The metallic and non-metallic mineral products of the United States and their world-wide distribution (coal, petroleum, salts, fertilizers, iron, copper, gold, silver, etc.); their origin, processes by which formed or later changed, their geologic structure, their abundance and economic importance. Field trips and reports. (Geo. 21.2 and 31.1.)
Assistant Professor Schmidt.

35.1 Economic Geography of North America. C

A survey of the principal economic activities in relation to the natural environment for each of the major geographic regions of North America. (Geo. 25.2.)
Professor Swett.

[35.2 Geography of South America. C]

(Geo. 25.2.) (Alternates with 36.2.)

36.2 Geography of Europe. C.

The principal economic activities of the European countries, with emphasis on their relation to the natural environment. (Geo. 25.2.)
Professor Swett.

GERMAN

Professor Skillings
Mr. Labouvie
Mr. Tiller

11. Beginners' German.

Elements of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose.
Mr. Labouvie and Mr. Tiller.

21. Intermediate German. B

Grammar review; reading, composition, conversation and free reproduction. (German 11. or two years of preparatory school German.)
Professor Skillings and Mr. Labouvie.

22. Scientific German. B

Courses for those who wish to acquire the ability to consult German works in the natural sciences, history, etc. (German 11. or equivalent.)
Mr. Tiller.

31. Speaking and Writing German. C. Grad.

Abundant practice in the oral and practical elements of the language and in written composition. Reading in works of varied style and subject matter, to develop facility in reading and to give an introduction to German literature. (German 21.)
Professor Skillings.

41. The Classic Period. C. Grad.

A study of the masterpieces of Lessing, Goethe and Schiller, with some attention to the political, social, and literary conditions of the time. (German 31.)
Professor Skillings.

42. German Literature of the Nineteenth Century. C. Grad.

Representative dramas, short stories, novels and poetry are read and discussed. The development of German literature through the nineteenth century to the present time is also studied. (German 31.)
Professor Skillings.

43.2 The Teaching of German. C. Grad.

A study of German pronunciation, grammar, reading and composition from the standpoint of the prospective teacher. Training in the direct method. Discussion of such topics as the aims and methods of modern language study, textbooks

and Realien. Outside reading in contemporary literature. (German 31. or permission.)
Professor SKILLINGS.

GREEK

Professor BURRAGE

11. BEGINNERS' GREEK. A

21.1 COLSON'S GREEK READER AND THE GOSPEL OF MARK. B
(Greek 11. or its equivalent.)

21.2 HOMER'S ODYSSEY. B
(Greek 21.1.)
(*Greek 11. or Greek 21.1, .2 or Latin 11. is required of A.B. Freshmen.*)

31.1 EURIPIDES' "IPHIGENIA AMONG THE TAURIANS"; LYRIC POETS. C
Lectures are given on the origin, history, and purpose of the drama. (Greek 21.1, .2.)

31.2 PLATO'S APOLOGY. C
(Greek 21.1.)

[41.1 SOPHOCLES AND AESCHYLUS. C]
The *Electra* of Sophocles; the *Prometheus* of Aeschylus. (Greek 31.1.)

[41.2 ARISTOPHANES. C]
The *Clouds* and *Birds*. (Greek 31.1.)

[42.1 PLATO'S REPUBLIC. C]
(Greek 31.2.)

[42.2 ARISTOTLE'S ETHICS. C]
Courses 42.1, .2 alternate with 41.1, .2. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of

antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 42.1.)

HISTORY

Professor KLINE
Assistant Professor J. P. DAVISON
Professor WHITE

11.1, .2 ENGLISH HISTORY. A

This course is introductory to the other courses in the department. Students intending to take more than one year of work in History are advised to elect this course in their Freshman year and follow it with either 21. or 31.
Assistant Professor DAVISON.

21. MODERN EUROPE, 1648-1930. B

A study of the development of the European nations from the Peace of Westphalia to the present, placing special emphasis upon the establishment of the pre-Revolutionary European state systems, the French Revolution and Napoleonic era, the growth of democracy and nationalism, and the expansion of European political influence in Africa and Asia. (Hist. 11.1, .2.)
Assistant Professor DAVISON.

31. AMERICAN HISTORY. B

The period covered is from the time of the first English settlements to the close of the Civil War. Special emphasis upon political and constitutional development.
Professor KLINE.

32. SOCIAL AND ECONOMIC HISTORY OF THE UNITED STATES. C

A general survey of American development to the time of the Civil War with reference to the main features of its economic development, including the influence of geographic environment, the importance of colonial trade, the growth

of domestic industries, the development of transportation, the labor problem and slavery.
Assistant Professor DAVISON.

33.2 ANCIENT HISTORY. B
Development of ancient civilization, with special emphasis on Greece and Rome. Much attention is paid to the use of sources, as being of extreme importance in supplying the proper viewpoint and stimulus, especially to those who are to teach ancient history in high schools.
Professor WHITE.

41. CONTEMPORARY WORLD HISTORY. C
A survey of the field of international relations with special reference to the problems arising out of the World War. (Two B courses.)
Professor KLINE.

42.1 HISTORY OF THE UNITED STATES SINCE THE CIVIL WAR. C
A continuation of History 31. Special emphasis upon the social and economic changes in American life since the Civil War and the historical background of present national problems. (History 31. or 32.)
Professor KLINE.

43.2 THE TEACHING OF HISTORY. C
A course for students who intend to teach history in high school. (Two B courses.)
Professor KLINE.

[44.2 LATIN AMERICAN HISTORY. C]
A discussion course dealing with Latin American History, institutions and civilization during the colonial, revolutionary and independent periods. Intended primarily for Seniors.

[45. HISTORY OF THE WESTERN CIVILIZATION. C]
A general survey of the development of modern civilization from early times to the present. This course is designed with

special reference to the needs of students who are able to take only one year of work in the department.
Professor KLINE.

46. ADVANCED STUDIES IN HISTORY. C. Grad.
An intensive study of some limited phase of history for the purpose of affording training in methods of historical research, critical evaluation of sources, and scholarly presentation of the results of historical investigation. (Two C courses; permission of instructor.)
Professor KLINE.

ITALIAN

Professor WHITE

21. BEGINNERS' ITALIAN.
Attention given to correct pronunciation; much oral practice; reading of simple selections; careful preparation in grammar and vocabulary for the more advanced literary and spoken Italian. Italian will be the principal language used in the classroom.

31. SECOND YEAR ITALIAN.
More detailed study of grammar and vocabulary. Reading of the literature, with class discussion and oral practice to give training in fluency. Foundation laid for further study of Italian literature and culture. (Italian 21. or equivalent.)

LATIN

Professor WHITE
Professor BURRAGE
Professor DAME

11. LIVY AND CICERO. A
The Second Carthaginian War. Translation, direct use of Latin, prose exercises, study of vocabulary, practice in verb forms, and development and use of cases.

Selections from the *Letters* or *De Amicitia* of Cicero. The story of the struggle between Republic and Empire, with the fortunes of Cæsar and Cicero as written in the *Letters*. Sight-reading from mediaeval Latin.
Professor DAME.

(*Latin 11. or Greek 21.1 and 21.2 or Greek 11. is required of A.B. Freshmen.*)

21.1 PLINY THE YOUNGER. B

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. This course is requisite to all the courses following. (Latin 11.)
Professor WHITE.

21.2 HORACE. B

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English and other languages. (Latin 21.1.)
Professor BURRAGE.

[31.1 ROMAN COMEDY. C]

The translation of the *Captivi* and *Trinummus* of Plautus, with rapid reading from the *Andria* of *Terence*. (Latin 21.1 or 21.2.) (This course alternates with Latin 32.1.)
Professor BURRAGE.

[31.2 TACITUS. C]

The *Germania* and *Agricola*. Comparison of Tacitus with other writers of his time. A study of the Roman colonial system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 21.1 or 21.2.)
Professor DAME.

32.1 Roman Satire. C

Selections from the *Satires* of Horace, Juvenal, and Persius and the *Epigrams* of Martial. A study of Roman society under the early Empire. (Latin 21.1 or 21.2.)
Professor Burrage.

32.2 Latin Literature and Selections. C

A study of the development of Latin literature with representative selections in prose and verse for advanced students. (Latin 21.1 or 21.2.) (This course alternates with Latin 31.2.)
Professor Dame.

41.1 Advanced Latin Prose for Teachers. C. Grad.

A prominent feature of the course will be the use of Latin in conducting many of the classroom exercises. Based on Cæsar's *Gallic War*. (One C course.)
Professor Dame.

41.2 The Teaching of Preparatory Latin. C. Grad.

A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. (One C course.)
Professor White.

MATHEMATICS

Professor Perkins*
Professor Hazeltine
Assistant Professor Bowker
Mr. Wissler

11. Elementary Mathematical Analysis. A

Designed to give a comprehensive survey of the most useful parts of elementary mathematical theory carefully correlated and given unity around the central idea of the university of the cause and effect relation. Practice is given in such parts of the elements of trigonometry, analytic geometry, and the

*On leave.

calculus as are essential for the solution of simple problems and the reading of any texts dealing with elementary physics, chemistry, economics or any of the other sciences.

(*11. is required of all B.S. Freshmen and elective for A.B. students of all classes.*)

Assistant Professor BOWKER and Mr. WISSLER.

21. MATHEMATICAL ANALYSIS. B

The logical continuation of Mathematics 11. offering some opportunity for review of the theory covered in the Freshman year. (Mathematics 11.)

Assistant Professor BOWKER.

[22. MATHEMATICS OF FINANCE. B]

For those whose chief interest lies in other fields than mathematics but who still wish to satisfy the requirement in mathematics, this, as a Sophomore course, offers a good training in finance. Such topics as the mathematics of investment, of amortization of debts, of depreciation of annuities and of insurance are treated. Other students are advised to defer this course until a later year. (Math. 11. and permission.)

Professor PERKINS.

31. APPLIED MATHEMATICAL ANALYSIS. C

A continuation of Mathematics 21. It should be elected by students whose chief interest is in mathematics and by those who plan to continue along the main line of development of the subject. (Math. 21.)

Assistant Professor BOWKER.

41. ADVANCED ANALYSIS. C. Grad.

A continuation of Math. 31. but the content will be varied somewhat from year to year to meet the needs of those electing the course. (Math. 31.)

Professor HAZELTINE.

MUSIC

Professor Hathaway
Mr. Larsen
Miss Hayden
Miss Fish

The aim of this department is to cultivate a knowledge of music by offering courses planned along lines of general academic training and to develop students who shall learn to understand and appreciate music in the same degree that they understand and appreciate other arts.

Emphasis is also laid upon the technical side and courses are offered in pianoforte, organ, singing, violin and violoncello.

While it is not planned to develop professional musicians, students who give evidence of special talent may continue, if they desire, their work with thoroughness during their college course.

21.1, .2 Elementary Harmony. B

The first steps in the study of musical composition and of the analysis of musical works. The course embraces scales and signatures, triads and their progressions, modulation and suspensions, also the invention and harmonization of melodies and choral writing in four parts. (Sufficient pianoforte technique to play easy hymns.)
Miss Fish.

31.1 Advanced Harmony. C

A continuation of Music 21.1 and 21.2. The course includes a study of the chief chromatic chords and their use in modern composition. Suspensions, ornamentation, auxiliary and changing notes, melodic figuration and pedal point. (Music 21.1 and 21.2.)
Professor Hathaway.

31.2 Counterpoint. C

Counterpoint in two, three and four parts in the various species. Original work in the smaller contrapuntal forms. (Music 21.1, 21.2, 31.1.)
Professor Hathaway.

32. Musical Understanding. A

This course is designed to develop, without going too deeply into technicalities, the ability to listen to good music. It aims to present in untechnical language an account of the evolution of musical forms. Selections are played and illustrated at the piano and by phonograph records. No knowledge of music is necessary for entrance to this course. Seniors, Juniors and Sophomores.
Professor Hathaway.

33. Sight Singing and Ear Training. B

A course designed for students taking the practical courses. It consists of the recognition of intervals, chords, and melodic groups. Writing from dictation, melodies and rhythm patterns.
Miss Fish.

42. Musical History and Advanced Appreciation. C. Grad.

A study of musical development from earliest times up to the present and of the masterpieces produced during that period. Lectures, required reading and discussion.

Practical Courses.

M-1. Individual Instruction in the Study of the Pianoforte.
Professor Hathaway.

M-2. Private Instruction in Organ Playing.
Professor Hathaway, Miss Fish.

M-3. Private Lessons in Voice Placing, Interpretation and Repertoire.
Miss Hayden, Miss Fish.

M-4. Instruction in Violin and Violoncello.
Mr. Larsen.

Credits: Each practical course, if preceded or accompanied by a theoretical course, will receive one point credit each semester. No credit will be given for elementary work in any of the practical courses. It is necessary to have as many theoretical as practical courses if credit for the latter is given.

M-5. Orchestral Playing.
This course is open to all students who are proficient in the use of some instrument of the modern orchestra. Rehearsals are held weekly.
Mr. Larsen.

Honors in Music: Honors in Music are given when, in addition to the requirements in theoretical courses, a student has given a public recital of classical and modern works.

The College Choir: The College Choir holds two rehearsals weekly and sings at the chapel service each day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music.
Professor Hathaway, Miss Fish.

Glee Club: Drill in ensemble singing, study of the works of excellent composers as well as more popular songs for Glee Club programs. Weekly rehearsals.
Mr. Larsen, Assistant Professor Owen.

The Band: Students who play wind and percussion instruments find a welcome in the College Band.
During the past season the Band has numbered about forty members. The College owns a number of the instruments used by the Band but prospective students having their own instruments are urged to bring them.
Mr. Lechnyr.

Musical Attractions: A number of noteworthy musical attractions are brought to the College each year, consisting of performances of some of the most prominent artists and musical organizations.

Charges for Practical Courses in Music.
(Payable in advance. No rebate will be allowed for lessons missed except in cases of continued illness.)

Organ and Piano instruction—per semester	
1 lesson weekly	$32.00
2 lessons weekly	64.00
Use of piano—1 hour daily—per semester	8.00
Use of organ—1 hour daily—per semester	12.00
Use of room for violin practice—1 hour daily—per semester	4.00
Violin instruction—per semester	
1 lesson weekly	32.00
2 lessons weekly	64.00
Vocal instruction—per semester	
1 lesson weekly	32.00
2 lessons weekly	64.00

Students will be accepted at any time; tuition from the beginning of the semester to the time of registration being deducted.

PHILOSOPHY

Professor Harrington

21.1 Introduction to Philosophy. A

A natural approach to the problems of Philosophy through a discussion of the common facts of human experience and an analysis of the college curriculum; then a dealing with these problems one after another.

22.2 Introductory Logic. A

A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom. (Phil. 21.1 or Ed. 21.1.)

32. Studies in Ethics. B

A general survey of the moral life of the race, then an inquiry as to the basis of ethical values and especially their relation to self-realization, and then the principles and ideals

of social ethics. (Phil. 21.1 and 22.2 or Ed. 21.1 and Phil. 22.2.)

41. History of Philosophy. C. Grad.

A survey of the work of the great thinkers and a tracing of the main currents of philosophical thought from the beginning; then an inquiry into recent and contemporary Philosophy. (Phil. 32.)

42. Constructive Philosophy. C. Grad.

An effort to outline a world-view in harmony with the most recent science. The inquiry deals not only with the physical universe but also with society and with the distinctively human values. (Permission.)

PHYSICAL EDUCATION

Professor Brown
Professor Beck
Mr. Hessler

11. Physical Training and Hygiene.

A foundation course which includes gymnastics, athletics and games, with special emphasis on posture training. Lectures and recitations in hygiene. Three semester hours for the year. *Required of all Freshmen.*
Professor Brown and Mr. Hessler.

21.1 Gymnastic Teaching. A

Fundamental principles in the theory and practice of gymnastic teaching. Systems of gymnastics and methods of teaching tactics, physical drills and apparatus exercises. Practice teaching.
Mr. Hessler.

Note: Special permission may be given, in individual cases, to students to take advanced courses in Philosophy, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such a nature as to have furnished the necessary preparation.

21.2 Minor Sports and Games. A

A course dealing with the theory and technique of speedball, soccer, football, volley ball, indoor baseball, tennis, golf, hockey, etc. Rules and fundamentals of the games. Particular attention is given to teaching a large variety of group games suitable for use in playgrounds and community centers and to the development of mass athletics and combative contests.
Mr. Hessler.

31.1 Athletic Coaching. B

Football and basketball theory. Rules and fundamentals of play; the various styles of offense and defense with discussions of their strengths and weaknesses; methods of training and conditioning players; treatment of injuries; generalship and strategy. (Permission.)
Professor Beck.

31.2 Athletic Coaching. B

Theory of baseball and field and track athletics. Rules and fundamentals of batting, base running, and position play. Emphasis is placed on the teaching of proper team play and the development of "inside baseball." The best methods of preparing athletes for the various field and track events will be discussed together with a detailed study of correct form in each event. Considerable attention is devoted to the study of physical condition, including speed, endurance and fatigue. (Permission.)
Professor Beck.

41.1 Administration of Physical Education. C

A course dealing with the problems of organization, management and supervision of physical education programs in schools and colleges. The administration of inter-school and inter-collegiate athletics and the development of intramural recreative programs. (Phys. Ed. 21.1 or 31.1, .2.)
Professor Brown.

41.2 Administration of Municipal and Community Recreation. C

A study of the administrative problems which confront the superintendent or director of recreation in a city or rural community. The planning of publicity campaigns with methods of organizing and promoting the work; layout and equipment of playgrounds and community recreation centers. Programs of activity include boy scouts, camp fire girls, girl scouts, industrial work, educational clubs, lectures, entertainments, community music, dramatics, pageants, picnics, field days, athletic contests, winter sports, social and folk dancing, moving pictures, etc. (Phys. Ed. 21.1, .2 or 31.1, .2.)
Professor Brown.

PHYSICS

Professor Bryant
Mr. Wissler

21.1, .2 General Physics. A

An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second.
Professor Bryant.

[31.1 Heat. B]

The experimental methods that have been used in measuring the various quantities which are connected with this portion of the science are considered in detail. The kinetic theory of matter and thermo-dynamics are among the additional topics studied. (Phys. 21.)
Professor Bryant.

32.1 Light. B

An advanced course for students who wish more knowledge of the subject than can be obtained from general physics. The laws of reflection and of refraction, with their applica-

tion to optical instruments; the wave theory of light; the spectrum and its teachings; the phenomena of radiation, absorption, dispersion, interference, and diffraction are some of the topics considered. (Phys. 21., Math. 11.)
Professor BRYANT.

33.2 ELECTRICITY AND MAGNETISM. B

An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 21.)
Professor BRYANT.

34.1 PHYSICAL MEASUREMENTS. C

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids, and gases; experiments in sound. (Phys. 21.)
Laboratory fee, $5.
Professor BRYANT and Mr. WISSLER.

34.2 PHYSICAL MEASUREMENTS. C

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporation. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 34.1.)
Laboratory fee, $5.
Professor BRYANT and Mr. WISSLER.

41.1. ASTRONOMY. C. Grad.

The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical character-

istics; the sun's physical characteristics; revelations of the sorption, dispersion, interference, and diffraction are some of the topics considered. (Phys. 21.)
Professor BRYANT.

42.2 ANALYTICAL MECHANICS. C. Grad.

A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. (Phys. 21., Math. 21.)
Professor BRYANT.

POLITICAL SCIENCE

Associate Professor CORNWALL

11. THE NATIONAL AND STATE GOVERNMENTS AND POLITICAL PARTIES OF THE UNITED STATES. A

This course deals with our national or federal government and our state governments—their basic theories, formation, structure, powers, and operation, and also with the origin, growth, organization, functions, principles, and programs of our national political parties. (No prerequisites.) Seniors and Juniors by permission. Primarily for Sophomores and Freshmen.

[21. STATE AND CITY GOVERNMENTS IN THE UNITED STATES. B]

The structure, operation and problems of our state governments are studied during the first semester and the various types and the functions, powers, and methods of our city governments during the second semester. (Pol. Sc. 11. or permission.) Seniors, Juniors and Sophomores.

22. COMPARATIVE GOVERNMENT. B

A description and analysis of the government of England followed by similar treatment of the governments of several European states, giving careful consideration to the theory and practice of parliamentary government as compared with

our own system, and studying municipal government in the United States as compared with several other countries. (Pol. Sc. 11. or permission.) Seniors, Juniors and Sophomores.

31. Business Law. C

A practical course in business relationships designed for students who expect to engage in business or in professions other than law. (No prerequisites.) Seniors and Juniors by permission.

[32. European, English, and American Political Theories. C]

[41. The United States Constitution and Constitutional Law. C. Grad.]

A detailed study will be made in this course of the United States Constitution and its growth and development; with special attention to its interpretation by the Supreme Court. The study will be made chiefly by the case method. (Alternates with 42.) Seniors and Juniors by permission.

42. International Government. C. Grad.

A study of international government and organization with a view to understanding and appraising present-day problems and the machinery for dealing with them. (Alternates with 41.) Seniors and Juniors by permission.

[43. Current Political and Legal Problems of the United States. C. Grad.]

SOCIOLOGY

Professor Kingsley
Associate Professor Sholes

11. Contemporary Civilization.

An orienting and correlating course. One-half of the year will be spent on the physical universe to the extent of considering the fundamental laws, theories, concepts and prob-

lems of physical science, while the second half of the year will be spent in considering the mental and social nature of man in the reactions of the mind resulting in ideas of education and culture, of institutions, of the evolution of society; of the organization of society; social concepts; social contributions of various peoples, a statement of current and social problems of the world. (See page 48 for detailed description.) The amount of material is necessarily large. Much reading will be expected. The sources are as much outside of books as within them, therefore a book charge of $10 per year is made for subject material.
Professor KINGSLEY and Associate Professor SHOLES.

21. PRINCIPLES OF SOCIAL ORGANIZATION AND SOCIAL FUNCTIONS. B

A unified and systematic survey of the fundamentals of society. Treats bias, evolution, origin and races of man, factors in social life and social arrangements from the scientific rather than the traditional and rational viewpoints. A broad reference reading list. (Sociology 11. and permission.) Seniors, Juniors and Sophomores.
Associate Professor SHOLES.

31. EVOLUTION OF SOCIETY. B

This course is aimed to point out the concept of man as a social being, the beginnings and development of our social inheritance, resulting in group cooperation and organization, the inner-group actions and reactions and the inter-group actions and reactions.
The main problems encountered by man, his concepts of the problems, his attempts to solve the problems of life, his successes and failures, a class evaluation on historical attempts, failures and successes will consume the chief attention of the class.
The chief social problems will be enumerated by the class. Universal laws of mind and of society will be sought. Customs, laws, institutions, will be observed and evaluated.
A book fee of $10 will be charged.

(Sociology 11. and Education 22.2 and permission.)
Juniors and Sophomores.
Professor KINGSLEY and Associate Professor SHOLES.

32. ADVANCED PRINCIPLES AND PROBLEMS OF SOCIETY. B

This course will extend the general principles of society and will more fully analyze the nature of the individual and of the group. The evolution of the individual and of the group will be considered in connection with all principles and problems. Social pathology, social reform and social betterment will be connected with the fundamental study of social laws and forces. There is now a great demand for a more complete knowledge of society. Topics treated: phenomena of the human mind, of social life, social institutions, social bases in nature, the ego, the social person, social order and progress, the organization and working of public opinion, the leading, and exploitation of opinion, the transfer of knowledge, elements which strengthen or weaken social organization, conflicting forces in society, social behavior, social control, fixed and changing institutions, social decadence, transformation and reshaping of society, social standards, social groups, social ideas, social economics.
The amount of material used in these courses is necessarily large. The sources are as much outside of books as within them; therefore it is deemed more efficient and economical to make a book charge of $10 per year for this course. This charge will cover all material and books.
(Sociology 11., 21. or 31. and permission.)
Associate Professor SHOLES.

41. CRIMINOLOGY AND PENOLOGY. B or C

A study of the weak spot in American institutions. Treats: the physical, mental, hereditary, economic and social factors of crime and the criminal, the history of punishment, modern penal institutions and the machinery of justice. (Sociology 11. and 21. or 31. and permission.) Seniors and Juniors.
Associate Professor SHOLES.

42. Social Efficiency and Welfare. B or C

This is a problem course. The aim is to have the student coordinate the knowledge and forces of society, to assemble the philosophy, the science, literature and government of our present-day civilization and to resolve these forces in their effects upon society. There will be considered also ideal social organizations, forces and philosophies. The seminar method will be used, the student will be asked to read quite extensively. Several books will be assigned for class reading, while each student will work upon certain problems which are suitable to his training and interests. The class thereby profits by the experience and work of each. Only Seniors admitted. The class is limited to the better students and to a selected number. The amount of material used in these courses is necessarily large. The sources are as much outside of books as within them, therefore it is deemed more efficient and economical to make a book charge of $10 per year for this course. This charge will cover all material and books used.

Professor Kingsley.

SPANISH

Professor Concha*
Assistant Professor Clemente Pereda
Miss Martin

11a. Elementary Spanish.

Reading of simple Spanish; oral practice based on the reading text; grammar taught inductively; careful vocabulary building. Spanish is used as the principal means of communication. This course is designed to equip the student with

Note: For those who wish to do extensive work in Sociology it is suggested that correlation of courses be made between this department and the departments of Biology, Political Science, Economics, History and Education. It is especially advisable that sociological students know the elements of these courses, especially those in Genetics and Psychology. All extensive work in this department should be planned with the instructors.

*On leave.

a solid foundation for the more advanced study of spoken and literary Spanish. Six hours a week.
Miss MARTIN.

21. SECOND YEAR SPANISH. A

A continuation of oral practice with a review and more extended treatment of grammar. The subject matter of the texts consists of relia of the Spanish-speaking countries. Outside reading of Spanish newspapers and magazines. Conducted in Spanish. (Spanish 11a. or two years of preparatory school Spanish.)
Assistant Professor PEREDA.

31.1 CONVERSATION AND COMPOSITION. B

A review of grammar, oral practice based on idiomatic texts and selections of the best Spanish authors, and exercises in free composition. The purpose of this course is to give the student a good command of spoken and written Spanish. Conducted in Spanish. (Spanish 21.)
Assistant Professor PEREDA.

31.2 COMMERCIAL SPANISH. B

General principles of Spanish commercial laws and usages. Practice in Spanish letter-writing and all forms of business correspondence. Conducted in Spanish. (Spanish 31.1.)
Assistant Professor PEREDA.

41.1 THE MODERN SPANISH NOVEL. C. Grad.

A survey of the principal Spanish fiction writers of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 31.)
Assistant Professor PEREDA.

41.2 THE MODERN SPANISH DRAMA. C. Grad.

A survey of the principal Spanish playwrights of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 41.1.)
Miss MARTIN.

[42.1 Methods of Teaching Spanish. C]
General and special principles of methods; standard methods, the reform movement, the teaching of pronunciation, the teaching of grammar, vocabulary building, planning of courses, lesson plans, selection of textbooks, pedagogical principles applied to the teaching of Spanish. Conducted in Spanish. (Permission.)

[42.2. Spanish Drama of the Golden Age. C. Grad.]
Lectures and reports by the students on assigned reading. The aim of this course is to acquaint the student with the main plays and authors of Spanish classical theatre. Conducted in Spanish. (Permission.)
Assistant Professor Pereda.

[43.1 The Spanish American Novel. C. Grad.]
A survey of the principal Spanish-American fiction writers, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 31.)
Assistant Professor Pereda.

43.2 Advanced Composition. C. Grad.
A practical course in the fundamentals of composition; rhetoric and literature, paragraphs, sentences, words, description, narration, figures of speech, exercises in free composition, translation and essay writing. (Spanish 31.1.)
Assistant Professor Pereda.

44. Special Courses. C. Grad.
Open to properly qualified students. Recommended for candidates for the Master's Degree and for Seniors seeking honors in Spanish.

THE COLLEGE BUILDINGS

OFFICES OF ADMINISTRATION

THE office of the President is located on the third floor of the Old Chapel. The President may be seen from 10.30 to 12 A.M. every day except Sunday, and consultation by students on any subject is cordially invited. The office of the Summer Session is on the same floor.

The offices of the Deans are in the north division of Painter Hall.

The office of the Registrar is in Painter Hall, middle division.

The office of the Director of Admissions and Personnel is located on the first floor of the Old Chapel.

The Treasurer and the Business Manager of the College have their offices in the Battell Block. At the opening of the college year, and again at the beginning of the second semester, the Treasurer establishes a temporary office in one of the College buildings, for the convenience of students in the payment of bills.

The offices of the College Editor, the Superintendent of Real Estate, and the Dean of the Spanish School are in Painter Hall, south division.

The Dean of the French School has an office in the Château.

PAINTER HALL

PAINTER HALL, completed in 1815, is the oldest college building in Vermont, and a fine example of New England colonial architecture. It was first known as West College, but since 1846 has borne the name of Gamaliel Painter, one of the founders and early benefactors of the College.

Administrative offices are now located on the entire first floor of the building.

The upper three floors provide dormitory facilities; the rooms are furnished with single beds, mattresses, desks, chiffonier and chairs. Bedding and pillows are furnished by occupants. Showers, heat, light and janitor service are provided without extra charge. Several of the rooms are arranged in suites of study and bedroom, designed for two students, with a charge of $72 for each occupant. Others with the same equipment are designed for two to a room, with a rental of $60 per year for each occupant.

STARR HALL

Starr Hall, given by Charles and Egbert Starr, was originally constructed of gray limestone in 1861. The dormitory has thirty suites of study, bedroom and closets, designed for two students. Equipment similar to that in Painter Hall is furnished each student at a charge of $72 a year.

OLD CHAPEL

The Old Chapel, erected in 1836, is the central structure in the old stone row, and is built of the same material as Starr and Painter Halls. It is used as a recitation and administration building, with the College Bookstore on the ground floor. The original Chapel on the third floor is used as a lecture room.

EGBERT STARR LIBRARY

The Library, built of six kinds of Vermont marble with funds bequeathed by Egbert Starr, was dedicated in 1900. The capacity of the original building was more than

doubled by the construction in 1928 of two wings given by Dr. M. Allen Starr, son of the first donor. The main part of the library contains about 60,000 volumes, furnished largely by Egbert and Dr. Allen Starr. The private library of Dr. Julian W. Abernethy, consisting of 7,000 volumes in American literature, was bequeathed to the College in 1923 and is now housed in the east wing. Frank D. Abernethy, brother of the donor, furnished the rooms devoted to this collection. In this wing also are a fine arts and a Middleburiana department.

Students have free access to the stacks and most of the shelves. Reference rooms contain reviews, magazines, and metropolitan newspapers. Study, reserve, seminar and typewriter rooms are in the west wing. The library is open day and evening except Saturday night and Sunday morning.

Reference libraries, auxiliary to the Starr Library, are provided in the Departments of Chemistry, Physics, Biology, Drawing, Geology, Greek and Spanish, and at the Château. In addition, reading rooms with daily and weekly papers are maintained in Hepburn and Pearsons Halls.

THE WARNER SCIENCE HALL

The Departments of Physics, Biology, Geology, and Drawing and Surveying are quartered in Warner Science Hall, which was built in 1901 through benefactions of Ezra J. Warner of the class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury and a Trustee of the College. By the will of Mr. Warner the College has received a bequest of $25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

On the second and third floors is the Natural Museum, given by professors of the College. One of the earliest geological surveys of Vermont was conducted by Prof. Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Prof. Henry M. Seely, long connected with the College, is in evidence in the large collections of fossils of the Champlain Valley.

In botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. Valuable additions have been made in the higher fungi and other cryptogamous plants gathered by Dr. Edward A. Burt.

The Zoological Museum has received accessions from the Smithsonian Institute and from Hon. A. Barton Hepburn of the class of 1871.

THE CHEMISTRY BUILDING

Since 1913 the Department of Chemistry has been established in the marble building erected with a portion of the General Education Board fund of $200,000.

In the basement are organic and research laboratories, photographic and general store rooms. The first floor has lecture rooms; the second provides three laboratories for qualitative and quantitative analysis and private work, library, conference and balance rooms. On the upper floor are located general chemical and private laboratories and a lecture room.

The building is equipped with an extensive flue and ventilation system. The interior finish is gray unglazed brick.

The building is located on the College quadrangle, facing the McCullough Gymnasium.

THE McCULLOUGH GYMNASIUM

THE GYMNASIUM, erected in 1910, is named for the Hon. John G. McCullough of Bennington. The structure is marble and the style colonial, like the other buildings of the College. The main floor contains an exercising room and basketball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The basement contains a locker room, shower baths, director's office and examination room, faculty locker room, two handball courts, boxing room, and quarters for visiting athletic teams. A serving room renders the building available for college banquets.

THE MEAD MEMORIAL CHAPEL

ON May 15, 1914, Ex-Gov. John A. Mead, of the class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

In accordance with this gift the Mead Memorial Chapel was erected in 1915-16. It is a colonial white marble structure of the New England meetinghouse type with a rich and impressive interior. The chancel has accommodations for the faculty and a student choir and contains a large pipe organ. In the tower is a chime of eleven bells, the gift of Ex-Governor and Mrs. Mead.

HEPBURN HALL

HEPBURN HALL, built on one of the highest points of the campus, commands views of exceptional beauty of the village, Otter Valley, and both the Green and the Adirondack Mountains. The building was erected for the College by Hon. A. Barton Hepburn, of the class of 1871. Accommodations for one hundred men are contained in a five-story building of brown tapestry brick, with gray stone trim. Construction is fireproof.

The rooms are *en suite,* with a study for each two men. All bedrooms are single. Each suite is connected with a toilet room. There are two separate shower-bath rooms on each floor, with three showers each.

Connected with the main structure by a loggia is the building containing the Commons and social rooms for the men of the College, decorated with trophies of the hunting expeditions of Mr. Hepburn in Africa and western North America.

Students' rooms are furnished with single bed, mattress, desk, chiffonier, and chairs for each occupant. Bedding and pillows are furnished by the occupants of the room.

The charge for rooms is from $80 to $150 a year for each occupant, depending upon location. Full janitor service is provided, and there is no additional charge for heat and light. A matron has her home in the building. Incoming students may obtain a special circular, with floor plans, upon application to the Director of Admissions and Personnel.

All members of the Freshman class are required to board at Hepburn Commons and through a plan for rotation in seating, opportunity is offered for meeting classmates. The commons is managed by the college dietitian.

PLAYHOUSE

The Playhouse is the studio for the Dramatic Club and Play Production classes. It has complete equipment for all class and college plays.

THE PORTER ATHLETIC FIELD

The Porter Athletic Field, situated east and south of the Library, extends from the Cornwall road to South Street. It is about eighty acres in extent, so situated that it commands an extensive view of the Green Mountains. The grounds contain a quarter-mile cinder track, baseball and football fields, a special field for Freshman athletics, and a grandstand with dressing rooms and shower baths.

In 1917 the College acquired one hundred additional acres with frontage on the river, where the boathouse is located. Canoes and rowboats are provided.

Students are permitted to use the Middlebury Country Club golf course without charge.

THE PORTER HOSPITAL

The Porter Hospital, completed in 1925, was given by Mr. William H. Porter, in memory of his father and mother, for the use of the College and of the people of Addison County. It is of fireproof construction and equipped in the most modern fashion. A superintendent and a corps of graduate nurses are always on duty. A nurses' home, annex and other improvements have since been added by Mrs. Porter.

THE CHÂTEAU

The Château or Maison Française is located on the women's campus and is a two and a half story structure whose architecture was inspired by the Pavillon Henri IV of the Palace of Fontainebleau. It is thoroughly French in the interior as well as the exterior, with French windows, furniture and decorations. It has accommodations for fifty students, and the recitation rooms of the French Department, the office of the Dean of the French School and the Library are all housed in this building. A limited number of men students whose qualifications are approved by the Dean of the French School are given the privilege of taking their meals at the Château.

THE MUSIC STUDIOS

This brick building of colonial design is the gift of Mrs. Emily Proctor Telfer, and houses the studios of the Musical Faculty. There are also studios given over to instrumental and vocal practice as well as a larger studio used for Glee Club and Band rehearsals.

ASSIGNMENT OF ROOMS

In assigning rooms, preference is given to students in College in order of classes. A drawing for rooms for 1931-32 will be held about May 1, 1931. Students now occupying rooms and desiring to retain the same may do so by depositing $5 advance payment on room rent with the Dean before April 30. Incoming students desiring rooms for next year may secure reservations by sending the $5 advance deposit to the Director of Admissions and Personnel. Such reservations may

not be cancelled after August 1. Students reserving rooms are responsible for room rent during the year. Rooms not taken May 1 will be assigned to students applying later in order of application, irrespective of classes. All rooms are assigned subject to the regulations of the College as to student residences and occupants are liable for any damage to the dormitory and its furnishings.

The halls will be ready for occupancy by students on the first day of registration following the summer vacation period.

The Dean or a duly designated representative of the College shall have the right to inspect at any time any of the rooms occupied by students.

EXPENSES

BILLS are payable by semester in advance, one-half of the yearly charge being payable on registration in the fall and the balance at the opening of the second semester. A certificate of payment from the Treasurer's office is required before the student is allowed to attend classes.

The annual charges vary from $588 to $678, exclusive of laboratory fees and charges for extra courses, the difference depending upon the price of the room selected.

The following table includes the principal items:

Tuition (will be raised to $300 for all students in September, 1931)	$250.00
Room rent in Hepburn, Starr and Painter Halls, including heat and light	60.00 to 150.00
Table board at Hepburn Commons	250.00
Gymnasium and athletic fee	20.00
Dispensary fee	3.00

"The Campus"	3.00
"The Saxonian"	1.00
Undergraduate Association dues	1.00

In most of the courses in Biology, Chemistry, Drawing and Surveying, and Physics, a laboratory fee is charged as specified in the descriptions of the courses.

Students who take extra courses are charged $25 a semester for each extra course.

The graduation fee (for Seniors only) is $11.

Table board at the Château is $275 a year.

In view of the wide range in the expenditures of individual students for travel, textbooks, clothing, and fraternities and other social life, it is difficult to furnish an estimate as to the total amount necessary to meet all expenses. With the help of the list of fixed charges given above, however, the individual student should be able to work out an approximate estimate of his expenses for the year. The college reserves the right to change the above charges if necessary to meet the actual cost.

SELF-HELP

The College does not undertake to guarantee employment to students and does not *encourage* men to enter who are entirely without adequate resources. There are, however, a limited number of opportunities for men to assist themselves doing such work as waiting on table in Hepburn dining room, assisting in the laboratories and offices of the College, and acting as janitors. The village of Middlebury is small and consequently the amount of work available outside the College is limited. It is the rare student who finds sufficient

employment to cover his entire expenses, and with the present enrollment steady work cannot be supplied to all who apply. An employment bureau conducted by the office of the Dean serves as a clearing house for such work about the College and village as is available. Prior to matriculation, incoming students should address all communications concerning employment to the Director of Admissions ond Personnel.

STUDENT LOAN FUNDS

The College has received at various times funds for the purpose of making loans to students. Loans are made from these funds in moderate amounts for a limited time, when circumstances and conditions warrant, and in accord with the terms thereof. The funds are as follows:

General Student Loan Fund, $9,847, the aggregate of gifts from friends to be used in making loans to students, originating with a gift from Prof. Wm. W. Eaton of $25 in 1911.

Hazeltine Student Loan Fund, $2,500, received in 1923 under the will of Chas. B. R. Hazeltine and his sister, Harriet S. Hazeltine, of Arlington, Mass., "The income only to be used as a loan fund in assisting students in Middlebury College."

Elam R. Jewett Student Loan Fund, $3,000, received in 1923 from a friend, "The principal to be safely invested, the income and accretions to be loaned, under certain conditions, to men students of the college." By such accretions, the fund now amounts to $3,600.

William H. Porter Student Loan Fund, $10,000, an unconditional legacy received in 1927 under the will of William

H. Porter of New York. By action of the Trustees it was made the William H. Porter Student Loan Fund, the principal to be safely invested and kept intact, the interest therefrom and accretions thereto to be used for making loans to worthy students of the Men's College from Vermont—first consideration being given to those from Addison County.

SCHOLARSHIPS

THE College has a number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Incoming students should direct all correspondence concerning scholarships to the Director of Admissions and Personnel, who will furnish blanks for applications. Students already in College should apply to the Dean for such assistance.

Scholarships may be forfeited at any time during the course through negligence or misconduct. If a student fails in any semester to have a passing grade in four courses of

which three shall be at least 70 per cent grade, any scholarship allowance for that semester is thereby forfeited.

If a student who has had the privilege of a scholarship leaves Middlebury to transfer to another institution, he will be required to pay the full amount of back tuition.

Among the student benefits dispensed by the College is the income from the following funds:

The Charitable Society Fund, $4,012, established in 1832.

The Literary Fund, $740, established in 1835.

The Warren Fund, $3,000, given in 1835 by bequest of Deacon Isaac Warren of Charlestown, Mass., and its income applied in payment of college bills of those who are preparing for the Gospel ministry.

The Subscription of 1852, $25,000.

The Waldo Fund, $10,000, established in 1864 by bequest of Mrs. Catherine E. Waldo of Boston.

The Baldwin Fund, $28,122, received in 1871 from the estate of John C. Baldwin, Esq., of Orange, N. J.

The Fairbanks Scholarships, $2,000, established by Thaddeus Fairbanks, Esq., of St. Johnsbury.

The Levi Parsons Scholarships, established by Hon. Levi T. Parsons Morton of New York City.

The Daniel O. Morton Scholarship, established by Hon. Levi Parsons Morton of New York City.

The Penfield Scholarship, $1,000, established by Allen Penfield, Esq., of Burlington.

The Charles A. Field Scholarship, $300, given by the village of Proctor, Vt., "as a memorial of regard for Fletcher Dutton Proctor and of gratitude to him, and for courtesies received at the hands of other residents of said village."

The Bezelial Smith Fund, $1,000, established in 1893.

The A. P. Stafford Fund, $1,000, established "to assist needy students from Wallingford to an education."

The John A. Howe Scholarships, $3,000, bequeathed by John A. Howe, Esq., class of 1853; the income first available for his descendants, and then under certain conditions for students from Poultney.

The Windham County Congregational Conference Scholarship, $600.

The Asa Wheelock Scholarships Fund, $5,000, established under the will of Charles B. R. Hazeltine of Arlington, Mass., the income first available for students from the town of Wardsboro, Vt., and then from other small country towns in the State.

The Jonathan Coleman Southmayd Scholarship Fund, $4,000, established by Hon. Redfield Proctor, in 1922, its income first available for students (men or women) from Proctor.

The Agnes Warner Sunderland Fund, $3,000, established by Edwin S. S. Sunderland, Esq., class of 1911, the income from which is first available for the assistance of students (men or women) from Cornwall.

The Charles B. R. Hazeltine Fund, $14,043, established in 1923 "for assisting worthy students."

The John W. Rowell Fund, $2,000, established by the late Chief Justice Rowell.

The President's Purse, $10,000 established by Mr. Charles M. Swift, the income to be disbursed at the discretion of the President.

The Dutton Fellowships, established in 1926 by the Honorable Redfield Proctor, to provide $1,000 each, awarded to one man and one woman in the graduating class, whose excellence of record evidences fitness for graduate work. If this graduate work is continued abroad, an additional $500 is provided by the donor. These fellowships are awarded in somewhat the same manner as the Rhodes Scholarships, high standing being considered in connection with College leadership and interest in out-door sports and life. It is understood that this year of graduate work shall not be toward a professional career, such as Law, Medicine or Theology, nor continued at Middlebury. The judges consist of one member of the trustees chosen by the trustees, one member of the faculty chosen by the faculty, and the President of the College.

The New Jersey Student Aid Fund, $400, for boys from New Jersey.

A Friend's Fund, $189, to assist young men having the Christian ministry of the Methodist or Congregational Church in view.

The Ludger J. Tousant Fund, $225, established by the class of 1920 in memory of their classmate—Ludger J. Tousant—killed in the World War.

The James M. Tyler Fund, $1,000, for students from Vermont.

The William W. Gay Fund, $5,000, established in 1929 by the gift of Mrs. Frederic F. Van de Water, Jr., in memory of her father, William W. Gay, class of 1876.

The Herbert K. Twitchell Fund, $2,000, established in 1929 by a bequest received under the will of Mr. Twitchell for students from Vermont, preferably Addison County.

The Cornelia W. Bailey Fund, $33,250, established in 1929 under her will for students of the Protestant faith, residing in Vermont.

The total annual income available for scholarships from vested funds approximates $8,000.

STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $7,200 for the payment to the amount of $120 annually of the tuition and incidental college charges of sixty students, two being appointed each year by each Senator in the General Assembly, from his respective county, provided any suitable candidate should apply therefor; otherwise from any county in the state.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which he resides, and the Senator may thereupon give him a certificate of appointment. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the Dean, as there may be a vacancy from some other county of which the ap-

plicant may avail himself. Incoming Freshmen should make such application to the Director of Admissions and Personnel.

The same regulations as to forfeiture through misconduct, poor scholarship, or unsatisfactory attendance apply to State scholarships as to student benefits owned by the College.

SPECIAL SCHOLARSHIPS FOR RESIDENTS OF VERMONT

TEN scholarships of $1,000 each for the four-year course ($250 a year) were established last year, subject to the conditions stated below, based on the general plan of the Rhodes Scholarships, and given to male residents of Vermont who show greatest promise in: Qualities of manhood, force of character, and leadership; literary and scholastic ability and attainments; and physical vigor, as shown by interest in outdoor sports or in other ways.

The school record and personal references from principal and other citizens of standing in the community are considered in making the selection. All applicants (unless otherwise advised by the committee) come to Middlebury for scholastic aptitude test, general intelligence examination, and personal interview with the committee of selection, which consists of the President, two members of the Board of Trustees, the Dean and the Director of Admissions.

The scholarship is tenable for four consecutive years subject to the maintenance of a high standing and a general record in college which is satisfactory to the committee.

Application should be made to E. J. Wiley, Director of Admissions and Personnel, on or before April 15, 1931.

ADMINISTRATION

COLLEGE REGULATIONS

THE College places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, athletics, and student activities.

ENROLLMENT

THE college year begins on the Monday indicated in the calendar the first three days, Monday, Tuesday, and Wednesday, being given to registration and condition examinations. All students are required to enroll at the Registrar's office on one of these days, and on the Thursday, Friday, and Saturday preceding the beginning of the second semester. A charge of $5 will be made for each enrollment after the days assigned for registration.

SCHOLARSHIP

THE scholarship of the students is graded on the scale of 100 per cent, 60 per cent being passing.

Reports of standing are made at the end of each semester. At these times notices of failures are sent to both students and parents.

At least 32 of the 40 semester courses required for graduation must be of not less than 70 per cent grade.

A student with eight courses to his credit at the beginning of the college year, not including credits received in Physical Education 11., will be ranked as a Sophomore for that year; one with 18 courses, a Junior; one with 28 courses, a Senior.

Physical Education 11. may not be counted in determining class ranking though counting toward graduation.

Not more than six semester hours can be attained by an undergraduate at a Summer Session. Proportionate credit will be allowed for work in summer sessions or summer quarters at other institutions where the period of summer work is longer than six weeks.

EXAMINATIONS

In those courses in which the subject matter of the two semesters' work is not related, a final examination is given at the end of each semester upon the work of that semester. But whenever the nature of the work makes it possible, year courses are offered with formal final examinations at the end of the college year covering the work of the entire year.

In addition to the course examinations described above, the College began in the college year 1927-28 the inauguration of a comprehensive examination system which requires each student to pass a searching examination covering all the work taken by him in the department in which he has concentrated. The Department of French was the first to adopt this plan. Details of its requirements as they apply to the French Department will be found under "Departments of Instruction," page 67 of this Catalogue and the head of the French Department will gladly answer inquiries. Beginning with the year 1930-31 the Department of English will require a very similar examination of those whose concentration has been in English. It is expected that other Departments of the College will adopt the plan as rapidly as their work can be arranged to accord with it.

A student inexcusably absent from an examination will be conditioned. A student unavoidably absent from college at

the time set by the Registrar for taking the examination will be given an opportunity without fee immediately upon his return to college or before the beginning of the corresponding semester of the following year. If he fails to meet this requirement, he must repeat the course with the following class if the subject is a required one.

A student whose term mark in any course falls below 50 per cent is excluded from examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose recitation and examination mark combined in the ratio of three to one is below 60 per cent. No student will be allowed to pass whose examination mark is below 50 per cent.

CONDITIONS IN COLLEGE WORK

A STUDENT who fails to pass an examination at the close of the first semester, and is thereby conditioned, is given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the three days of the next college year as shall be determined by the Registrar. A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess.

Application for the opportunity to remove a condition or deficiency must be made to the Registrar and a fee of $5 paid. If an examination is to be taken, the application to the Registrar must be made at least one week in advance of the time set for the examination.

A student must take a make-up examination at the time for which he registers, unless excused by the Dean in advance.

No exception will be made save in the following cases:

1. A Senior may take an examination for each deficiency, or condition, incurred during the Senior year, on the Friday preceding Commencement.

2. If the course in which a student has been conditioned is given in the Summer Session, he may remove the condition by taking that course and passing at its close an examination which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 per cent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates for him the temporary omission of some of the regular work of his class.

SPECIAL HONORS

As an incentive to such students as have the ability to do more than should be required of the majority, and to promote and encourage individual investigation in the various departments of the curriculum, the faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. Honors must be sought in the department in which the candidate is concentrating, and at the end of his course his application for Honors must have the unanimous recommendation of the department.

2. The candidate shall announce his intention of working for Honors to the Registrar and to the head of the department concerned, at a time not later than the registration period at the beginning of the Senior year, and he is urged to consult with the departmental head some time towards the end of his Junior year in order that there may be ample time in which to plan the special work for Honors.

3. In order to become a candidate for Honors a student must have obtained an average rank of not less than 80 per cent in the department in which he seeks Honors.

4. The candidate shall pursue a line of individual investigation or research throughout the Senior year, under the direction of some member of the department in which he seeks Honors. At the end of the year he shall present a thesis embodying the results of his investigation, and shall pass an examination on the field in which the work is done. The extra work required shall be equivalent to three semester hours lasting over the year. At the discretion of the instructor, this extra work may be based upon the material of some regular course of the department, and partially supervised by enrolling the student as an auditor in the course.

5. This special work shall not be counted as a course, no academic credit shall be allowed, and no extra fee shall be charged.

6. In order to secure Honors the student must obtain a grade of 85 per cent in the special work, and a general average of 80 per cent in his entire college course. In order to secure High Honors the student must obtain a grade of 90 per cent in the special work, and a general average of 85 per cent in his entire college course.

7. Each department shall have the right to add such further requirements as seem suitable for its own work (as for example, a set of required courses in the department, or of complementary courses in allied departments, a certain grade in a comprehensive examination, etc.).

These honors will be printed on the Commencement program and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the Registrar and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

HONORARY APPOINTMENTS

The faculty, under the direction of the Corporation, give the honorary Commencement appointments in College; to the man attaining highest rank, the appointment of Valedictorian, and to the second in rank, the appointment of Salutatorian.

PHI BETA KAPPA

The Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Members of each Senior class, who have attained an average rank of 89 per cent for six semesters, or an average rank of 87½ per cent for eight semesters are eligible for membership, up to a maximum of 15 per cent of the class.

PRIZES

The Parker Prizes. Established by gift of Daniel Parker, Esq., in 1807, and Prof. Frederick Hall in 1820. Four prizes of $50, $35, $25 and $20 to the four men of the

Freshman class who are adjudged the best speakers in a contest held at some time during the second semester.

The Merrill Prizes. Established in 1882 by bequest of Rev. Thomas Abbott Merrill, D.D., Trustee, 1806-55. Four awards, $50, $35, $25 and $20 to the four men of the Sophomore class adjudged the best speakers in a contest held at some time during the first semester.

The Deacon Boardman Peace Prize. Established in memory of Samuel Ward Boardman (1789-1870). An annual prize of $30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

The George H. Catlin Classical Prize, $1,000. Established in 1918 by the gift of Mr. George H. Catlin of Scranton, Pa., the income furnishing an annual award to be made to that man in the Senior class whose college work in Greek and Latin is adjudged to be worthiest of the distinction. The awarding committee consists of the Head of the Department of Greek, the Head of the Department of Latin and the Dean of the College.

The Kellogg Latin-English Prize. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt.D., of the class of 1858, Trustee, "to encourage Latin and English." The income from $500 awarded annually to the two best papers on Horace.

The Wetherell Prizes. As a memorial to Prof. Archibald D. Wetherell, a permanent foundation for the encouragement of debating was established in 1922, through

the interest and cooperation of his friends and admirers. The fund now amounts to $1,100, the income from which is awarded annually in prizes to the two men showing the greatest interest and proficiency in debating.

The Edwin Winship Lawrence Prizes. Established in memory of donor's father, George Edwin Lawrence, of the class of 1867. A first prize of $25, a second prize of $15 and a third prize of $10 will be awarded annually to the three students who in the judgment of the English Department of Middlebury College exhibit the most proficiency in debating.

The same donor has given a fund to provide prizes of $25, $15 and $10 for the best debaters in the annual Middlebury College-University of Vermont debate, the winners to be the best three from the two teams.

The George Sedgwick Swift Prize. Established in 1926 by Charles M. Swift in memory of his father, George Sedgwick Swift, of the class of 1839. An annual prize of $500 awarded to the member of the Men's College who writes the best essay on the theme, "The World Does Not Owe Me a Living," to be awarded annually for five years.

The Charles M. Swift Prizes in Playwriting will be given for the best three one-act plays written by pupils in Drama in the year 1930-31. These prizes will be $75, $50 and $25. It is expected that the plays will be given in the College Playhouse, and the award based both on excellence of the writing and on their acting quality as proved by production.

The Hazeltine-Klevenow Cup, awarded to the student having best combined ability in athletics with excellence in scholarship; the choice to be made from the entire student

body; the name of the recipient to be placed on the cup annually as a permanent record; and a replica of the cup to be presented at the time of announcement.

THE KAPPA DELTA RHO CUP, presented annually to the student most loyal to the ideals of Middlebury College. The award is based on extra-curricular activities, both athletic and non-athletic, scholarship and character.

GRADUATE WORK

MIDDLEBURY COLLEGE provides courses in many departments for students desiring to pursue a Master's degree. Correspondence should be directed in 1930 and 1931 to Prof. Harry G. Owen, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at the Summer Sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from another institution whose course of study and requirements for graduation are approved by the Committee on Graduate Work.

2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

3. To obtain the degree of Master of Arts, or Master of Science, one full year in residence and the completion of work equivalent to thirty semester hours will be necessary. This requirement of residence may also be met by attendance

at the Summer Sessions. Not more than eight semester hours may be secured at a single Summer Session; and not more than six semester hours in a European Section of the Summer Session.

4. To obtain either of the advanced degrees two-thirds of the required work must be completed at Middlebury College.

5. Candidates for the Master's degree shall present to the Committee on Graduate Work for its approval a statement of the intended course of study, with the written approval of the head of the department in which the major work is to be undertaken.

6. The major work of the candidate must be undertaken in some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of his fitness to enter upon graduate work.

7. One-half of the required work or, at the discretion of the head of the department, two-thirds, must consist of graduate studies or investigations prescribed by the department in which the major work is undertaken; the remaining part may be pursued in courses of graduate grade recommended by the department. A minimum grade of 80 per cent shall be maintained in all of the courses counting towards the degree.

8. Graduates of Middlebury College who have to their credit graduate courses taken in undergraduate years and not counted toward a baccalaureate degree may, subject to the approval of the head of the department concerned, count fifteen semester hours towards an advanced degree, provided these courses are in subjects related to the department in which major work for the advanced degree is to be done. Subject to the same requirements, graduates of other recognized colleges may count towards the Middlebury degree

similar graduate courses completed in undergraduate years and not counted towards the baccalaureate degree.

9. Graduate work done in other institutions, and presented for transfer credit towards the Middlebury Master's degree, must be acceptable towards the same degree at the institution where the work was done.

10. No courses counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

11. A Senior who has satisfied all the requirements for the baccalaureate degree at the end of the first semester may continue his study towards the Master's degree during the second semester. Such a student shall be considered a graduate student and his program of study must conform to the regulations governing graduate work.

12. Besides the regular examination, the candidate must be examined in the subject chosen for the major study, and, at the discretion of the department in which the work is done, may be required to present a thesis.

13. The degree shall be conferred either at the Commencement or at the Summer Session following the completion of the work.

14. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and the diploma.

THE DOCTORATE IN MODERN LANGUAGES

Besides the Master's Degree, the Middlebury Summer Schools of French and Spanish now offer an advanced degree: The Doctorate in Modern Languages (D.M.L.). The principal requirements are:

1. The Master's Degree in French or Spanish from some recognized university.

2. Residence at Middlebury College equivalent to five year courses or thirty credits. This will ordinarily require four summers' residence at Middlebury, but the basis of the requirement is chiefly the fulfillment of a program, not merely a given total of points. The student will be required to complete the main lines or groups of our curriculum—Stylistics, Phonetics, Realia, Teaching Methods, Literature, and Philology.

3. Two semesters' residence in the foreign country of the major language. This time should be spent in study in approved courses to be equivalent to twelve hours a week (or twenty-four semester hours) of class exercises. The work must be done according to a plan previously approved by the Dean of the respective School, and the final results must also be approved by him. Work done in a foreign country prior to the student's enrollment as a candidate for the D.M.L. cannot be accepted.

4. A major language (French or Spanish).

a. A thorough knowledge of and the ability to use the spoken and written language, tested by an oral and written examination.

b. A thorough study of and training in phonetics. Candidates will be required to do at least one summer's work in the phonetics laboratory, and to write a report on their research.

c. A scientific study of modern methods of teaching foreign languages. Note: Besides attendance in the courses of methods at Middlebury, candidates will be required to teach at least one year under supervision. Statements will be requested from superintendents of schools, heads of departments, and others as to the success of the candidate's teaching and professional ability. No student will be granted the

D.M.L. who cannot be unqualifiedly recommended as an experienced and successful teacher of the language.

5. A final oral examination conducted entirely in the major language, before a board including native members of the faculty; this examination to cover all elements of the candidate's preparation—phonetics, pedagogy, literature, etc. (This training should include a certain amount of philological preparation—Old French or Old Spanish, Phonology, Morphology—but these subjects should be studied not *in se* and *per se,* but always with the idea of the help they may afford to the knowledge and teaching of the modern languages.)

6. A minor language (preferably another Romance Language). This will be tested by an oral and written examination. The candidate's knowledge of the language should be sufficient at least to teach successfully the elementary courses in the language. In addition, a reading knowledge of German will be required, as a guarantee of the ability to use German texts or editions.

7. A dissertation written in the major language. This dissertation, which should approximate 35,000 words, is intended to prove a thorough and understanding study of some subject, literary, phonetic, or pedagogical, which is worth a careful study. It must embody considerable original work and reflection, must show a mastery of the field, clearness of thought, and must be written in correct and easy style. The subject must be chosen and the preparation continued under the guidance of some member of the Middlebury faculty.

THE ASSOCIATED ALUMNI

ESTABLISHED in 1824, the Associated Alumni has had a continuous existence of over a century.

Where in the past this organization has played only a social part, in striving to keep the graduates of the College interested in each other and in the College itself, its aims now tend toward a more active part in the life of the College. Consequently this Association purposes not only to bind its members in closer bonds of loyalty and affection, but to be of material assistance in the forwarding of the plans and projects of the administration.

The business of the Association is conducted through the office of the Secretary, who is also Director of Admissions and personnel. Addresses of graduates and former students and biographical information regarding them are filed in that office and are available upon request.

The division of Districts is as follows:

Region No. 1

A. Middlebury District—Northeastern New York State, Vermont (except the southernmost portion), and northern New Hampshire. District Center, Middlebury.

B. Boston District—Maine, southeastern New Hampshire, eastern Massachusetts and Rhode Island. District Center, Boston.

C. Springfield District—Southwestern New Hampshire, southeastern Vermont, the balance of Massachusetts, and that section of Connecticut, including Hartford, which is nearer to Springfield than to New Haven. District Center, Springfield.

Region No. 2

A. New Haven District—Including the balance of Connecticut. District Center, New Haven.

B. Albany District—Eastern New York State, southwestern Vermont, and a small part of western Massachusetts. District Center, Albany.

C. New York City District—New York City, New Jersey, parts of New York State contiguous and a small part of Connecticut. District Center, New York City.

Region No. 3

A. Buffalo District—Remainder of New York State, Ohio. District Center, Buffalo.

B. Washington District—Pennsylvania, Delaware, and Southern States to the Mississippi.

C. Chicago (Western) District—Remainder of the United States and all foreign countries. District Center, Chicago.

The officers of the Associated Alumni are:

National President—Henry L. Bailey, '86,
Longmeadow, Mass.
Term: 1 year

District Presidents:

Region I. Term: 3 years

Middlebury Dist.: Edgar R. Brown, '93, St. Johnsbury, Vt.
Boston Dist.: Clarence H. Botsford, '24, Boston, Mass.
Springfield Dist.: Chester M. Walch, '07,
West Hartford, Conn.

Region II. Term: 2 years

New Haven Dist.: Duane L. Robinson, '03,
Watertown, Conn.
Albany Dist.: William H. Hammersley, '04, Albany, N. Y.
New York City Dist.: Allen H. Nelson, '01, New York City.

Region III. Term: 1 year

Buffalo Dist.: James F. Taylor, '05, Niagara Falls, N. Y.
Washington Dist.: John C. Scofield, '80, Washington, D. C.
Chicago (Western) Dist.: Robert F. Hunt, '10, Chicago, Ill.

National Secretary—Edgar J. Wiley, '13, Middlebury, Vt.
Term: 1 year

Alumni Trustees:

Region I. Term: 1 year
Homer L. Skeels, '98, Ludlow, Vt.

Region II. Term: 5 years
Carl A. Mead, '91, New York City

Region III. Term: 3 years
Thomas H. Noonan, '91, Buffalo, N. Y.

Alumni Trustees-at-Large:

J. Earle Parker, '01 (4 years), Boston, Mass.
Ellsworth C. Lawrence, '01 (2 years), Malone, N. Y.

ALUMNI AND ALUMNAE ASSOCIATIONS

THE officers of the various Alumni and Alumnae Associations, for the year 1930-31 are as follows:

The New York Association

President and Toastmaster, Allen H. Nelson, '01; Secretary and Treasurer, William N. Purdy, '26; Chairman, Executive Committee, George Hinman, '28.

The Boston Association

President, Clarence H. Botsford, '24; Vice-President, Mrs. C. H. Paulsen, '18; Secretary and Treasurer, Kendall S. McLean, ex-'13; Executive Committee, O. K. Collins, '02, Cyril Shelvey, '23.

The Alumnae Association

President, Frances Caswell Nelson, '23; Vice-President, Harriet Smith Potter, '15; Secretary and Treasurer, Frances H. Warner, '05; Executive Committee, Louise H. Reynolds, '18, Frances C. Smith, '24.

The Worcester County (Mass.) Alumnae Club
President, Mary E. Guerin, '14; Secretary, Emeline Amidon, '29; Treasurer, Ruth S. Jones, '27.

The Connecticut Alumni Association
President, Duane L. Robinson, '03; Secretary and Treasurer, Helen C. Prageman, '23; Chairman, Banquet Committee, Homer R. Denison, ex-'14.

The Chicago Association
President, R. F. Hunt, '10; Vice-President, Mrs. Walter Fuller, '01; Secretary and Treasurer, Gwendoline Morris Barnes, '10.

The Ohio Association
Executive Committee, Charles H. Wright, '16, and James S. Jackson, '26.

The Washington, D. C., Association
President, John C. Scofield, '80; Vice-President, Mrs. Martha E. M. Miller, '10; Secretary, Frederick J. Bailey, '01.

The Buffalo Association
President, Thomas H. Noonan, '91; Secretary and Treasurer, Linwood B. Law, '21.

The Albany Club
President, Carroll S. White, ex-'22; Vice-President, Edith H. Tallmadge, '21; Secretary and Treasurer, Arthur M. Ottman, '17.

The Philadelphia Association
President, William R. Cole, '22; Secretary, Edward R. Denio, '29; Treasurer, Walbridge B. Fullington, '20.

COLLEGE PUBLICATIONS

BULLETINS

During the academic year bulletins are published monthly by the College under the general supervision of the College Editor. The following will be published for free distribution in the current year: Catalogue, College Directory, President's Report, French and Spanish Preliminary Summer School Announcements, French and Spanish Summer School Bulletins, Preliminary Announcement and Bulletin of the Bread Loaf School of English, Chemistry School Announcement and Bulletin, Bread Loaf Conference Bulletin, Alumni Address List, Library Bulletin. A booklet of College Regulations, and the Schedule of classes are also printed. Bulletins of previous years including a considerable list written by faculty members on educational problems may be secured from the Editor's office.

GENERAL CATALOGUE

The General Catalogue, compiled every ten years, contains an historical sketch of the College and revised biographies of Alumni and Alumnae up through the class of 1927. The last edition, published in 1928, may be secured at $2.50 per copy from E. J. Wiley, Compiler of the Catalogue.

STUDENT PUBLICATIONS

Periodicals edited and managed by students include: The weekly newspaper, *Middlebury Campus; Saxonian,* quarterly literary magazine; *Kaleidoscope,* annual Junior class book, published in May; *Handbook,* annual information booklet for Freshmen.

STUDENT SOCIETIES

THE undergraduate organizations at Middlebury include:

Alchemists, Athletic Council, Band, Black Panthers Serenaders, Blue Key, Choir, Debating Team, Der Deutche Verein, Dramatic Club, Economics Club, El Club Espanol, English Club, Glee Club, Interfraternity Council, Kappa Phi Kappa, Le Cercle Français, Middlebury Christian Association, Phi Beta Kappa, Pi Delta Epsilon, Press Club, Student Council, Student Curriculum Committee, Student Life Committee, Tau Kappa Alpha, Undergraduate Association, Varsity "M" Club, Vocation Committee, Waubanakee, and Wig and Pen.

There are eight Greek letter social fraternities:

Alpha Sigma Phi, Beta Kappa, Beta Psi, Chi Psi, Delta Kappa Epsilon, Delta Upsilon, Kappa Delta Rho, and Sigma Phi Epsilon.

Middlebury supports varsity athletic teams in football, baseball, cross-country, hockey, tennis, basketball, track, and winter sports.

NEEDS OF THE COLLEGE

APART from the constant need of increased endowment the most pressing needs of the College are:

1. Adequate athletic facilities. A complete equipment with all modern facilities could in all probability be secured for $800,000 but the contemplated plan calls for building this in units which can be added as funds are secured, in amounts from $150,000 up. The present Gymnasium could become an assembly hall, a much needed unit at present.
2. Adequate recitation facilities. The Old Chapel, in use since 1836, is insufficient and unsuitable for recitation purposes. The present method of using the Warner Science and the Chemistry Building for non-laboratory purposes is undesirable. A recitation hall could be built for $200,000 and would release the Old Chapel for purely administrative purposes.
3. A small building for a general students' club and social center where undergraduate meetings could be held, to cost from $100,000 up.

Total suggested sum needed:

Gymnasium	$ 800,000
Recitation Hall	200,000
Students' Club	100,000
	$1,100,000

FORMS OF BEQUESTS

THE corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ————dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ————dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

PRIZES AWARDED IN 1930

Merrill Speaking Prizes

First Gray Nelson Taylor
Second Robert Nelson Perry

Parker Speaking Prizes

First Anthony George Lombard Brackett
Second Thomas John Duffield

Wetherell Debating Prizes

First Reamer Kline
Second Ronald Milton Straus

Edwin Winship Lawrence Debating Prizes

First Richard Louis Sanzo
Second Edward Yerovitz
Third Gray Nelson Taylor

George Sedgwick Swift Prize

Frederick Carl Dirks*
Richard Louis Sanzo*

Charles M. Swift Prizes in Playwriting

Second William Charles Morrison

Deacon Boardman Peace Prize

Laurence Leroy Haskins

Hazeltine-Klevenow Cup

Walter John Nelson

Kappa Delta Rho Cup

Richard Joseph Humeston

Dutton Fellowship

Carl Douglas Howard

*Prize divided.

DEGREES CONFERRED IN 1930

HONORARY DEGREES

Doctor of Laws

Charles Brown Sears
Buffalo, N. Y.

James Lukens McConaughy
Middletown, Conn.

Doctor of Letters

Kenneth Ballard Murdock
Cambridge, Mass.

Doctor of Divinity

George Arthur Buttrick
New York, N. Y.

William Raymond Jelliffe
New York, N. Y.

Master of Arts

Emily Dutton Proctor
Proctor, Vt.

DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

Master of Arts

Arthur Pierre Couture
Edward Allen Jones
William Raddin Pond, Jr.

Master of Science

William Lyttle Benson
Homer William John Cressman
Walter Woodbury David
Theodore Trefry Goodwin
Wallace Morton Kelley

Bachelor of Arts

Curtiss Van Schoonhoven Bellinger†[2]
Ellis Adams Bemis
Edward Leach Clark
Richard Adney Fenderson
Wallace Edward Green§¶†[3 5]
Samuel Guarnaccia
Thomas Tracy Heney
Carl Douglas Howard||¶‡[4]
Royal Otis Knowlton
John Philip McDonald
Arthur Eugene Newcomb, Jr.†

Bachelor of Science

Conwell Worden Abbott
Edward Ronald Allen
Carle Francis Bagley
Alexis Victor Boisseau
Roland Augustine Casey
Frank Andrew Chromec
Ernest Jennings Clarke, Jr.
Robert Barnes Cook
Grosvenor Marcy Crooks
David Crevling Daland
Robert Milton Dalton
George Warren Davis
Clinton Willard Demeritt
Louis Andrew Diguilio

Millard George DuBois†
Donald Stewart Farnham
Cecil Smith Fowlston
Valmer Julian Goltry
Lloyd Cole Hacket
Wilson Hermon Hasseltine
Elbert Hugh Henry
Robert Ross Herrick
Arthur John Hoffman
Thomas Morrison Hoffnagle
William Walker Howe
Richard Joseph Humeston
Warren Elmer Jacobs
Ralph Lewis Johnson
Walter Scott Keen
Hugh McKee
Robert Proctor McLeod
Charles Lloyd Mann†[1]
Burton Sanford Marsh
Richard Phelps Miller
William Charles Morrison
Alfred Gibbs Morse
Henry Morgan Newman
Bertel Carl Nylen
John Owen
Guy Foster Page
Maurice Judson Page
Arthur Lincoln Pierce
Edson Wellington Sessions
Forrest Jerd Spooner
Charles Augustine Stanley
John Hartwell Stearns
Ronald Milton Straus
Thomas Kwang Jwe Sun
James Joseph Tibone
Harry Eaton Tomlinson
Leslie Valois
Walter Raymond Wells
William Walter Wheatly, *posthumously*
Laurence Henry Wilson
Sanford Stowell Witherell
Ralph Eugene Woodbury
Charles Willard Wright
Theodore Henry Zaremba¶†

‖Valedictory Honors.
§Salutatory Honors.
¶Phi Beta Kappa.
‡Degrees conferred magna cum laude.
†Degrees conferred cum laude.

[1]Honors in Chemistry.
[2]High Honors in Education.
[3]Honors in English.
[4]High Honors in French.
[5]Honors in French.

INDEX

Administration 110-122
  Committee 15
Admission 26-34
  Committee 15
  Correspondence 2
  Director of 14, 26
Advanced Standing 33, 34
Advisers 34, 37
  Chief 39, 41
Alumnæ 125, 126
Alumni 123-126
American Literature 42, 43
Applications 26
Associated Alumni 123, 126
Athletic Field 99
Athletics 22, 23, 128
  Committee on 15
  Director of 23
  Interclass 22
  Interfraternity 22
  Supervision of 22, 23
  Teams 128

Bachelor of Arts Requirements 35-37
Bachelor of Science Requirements 35-37
Band 80
Battell Forest 24
  Committee on 9
Bequests 24
  Forms of 129
Biology 43-45
Board 101
  Chateau 102
  Hepburn Commons 98
Buildings 93-100
  Chapel 97
  Chateau 100
  Chemistry 96, 97
  Gymnasium 97
  Hepburn Hall 98
  Hospital 99
  Library 94, 95
  Music Studios 100
  Old Chapel 94
  Painter Hall 93, 94
  Science Hall 95, 96
  Starr Hall 94
  Superintendent of 14
  Value of 25
Bulletins 2, 127
Business Manager 11

Calendar 4, 5
Campus 18
Catalogue 127
Certification 26-30
Chapel 97
Chapel attendance 19
Charter 17
Chateau 100
Chemistry 45-48
Chemistry Building 96, 97
Choir 19, 80
Coeducation 17
College Entrance Examinations 30-34
Commencement Date 4, 5
Committees—
  Corporation 9
  Faculty 15
Comprehensive Examination System 111
Concerts 23, 80
Conditions 112, 113
Conduct responsibility 21
Contemporary Civilization 48, 49, 87, 88
Corporation 7, 8
Correspondence 2
Courses 42-92
  Bracketted 42
  Elective 39, 40
  Explanation of 42
  Fees for changing 39, 40

Grouping of 37, 38
Lettered 38
Organization 37, 38
Prerequisite 38, 42
Required 35-37

Dean 10
Debating 61
Degrees 17
A.B. 35-37
Baccalaureate 35-37
B.S. 35-37
Conferred in 1930 131-133
D.M.L. 120-122
Honorary 131
Masters 118-120
Departments 42-92
Dormitories 18, 93, 94, 98
Superintendent of 14
Drama and Public Speaking 49-51
Dramatic Club 49
Drawing and Surveying ..51, 52

Economics 52-55
Education and Psychology 55-58
Endowments 25
English 58-63
Enrollment 26-30, 110
Limitation of 30
Entertainment course 23, 80
Entrance requirements 26-34
Examinations, Comprehensive system of 111
Entrance 30-33
Fall 32, 33
Final semester 111, 112
Physical 22, 34
Expenditures of college 25
Expenses 101, 102
Expulsion 21

Faculty 10-14
Committees 15
Faculty Advisers 34, 37
Faculty Committees 15
Fees 101, 102
Changing courses 39, 40
Fine Arts 63, 64
Fraternities 128
French 64-67, 111
French School 23
Freshman Week 34
Freshman Year requirements 35, 38
Funds 24
Student Loan 103, 104

General Catalogue 127
General Information 17-25
Geology and Geography ..68, 69
German 69-71
Glee Club 80
Government 25
Grades 110, 111
Graduate fellows 14
Graduate Work 118-122
Committee 15
Graduation requirements ..35-41
Greek 71, 72
Growth 19
Gymnasium 97

Health 22
Hepburn Commons 98
Hepburn Hall 98
History 72-74
Holidays 4, 5
Honors 113-115
Hospital 99

Italian 74

Junior Week 4, 5

Laboratory fees 102
Latin 74-76
Library, Egbert Starr 94, 95
Committee 15
Training 34
Loans 103, 104
Location of College 18

Marks, scale of 110, 111
Mathematics 76, 77
Mead Memorial Chapel 97
Modern Language Schools ...23
Mountain Campus 18, 24
Museum of Natural History .96
Music 78-81
  Practical courses 80, 81
  Studios 100

Natural Museum 96
Needs of college 129

Officers 10-14
Offices 93
Old Chapel 94
Orchestra 80

Painter Hall 93, 94
Phi Beta Kappa 115
Philosophy 81, 82
Physical Education 82-84
  Director of 23
  Required of freshmen 22
Physics 84-86
Playhouse 49, 99
Political Science 86, 87
Porter Athletic Field 99
Porter Hospital 9, 99
Preachers 16
President 10
President and fellows ...7, 8, 25
Prizes 115-118
  Awarded in 1930 130
  Swift one-act 49
Psychology 55-58
Publications 127
  Campus 102, 127
  Handbook 127
  Kaleidoscope 127
  Saxonian 102, 127
  Student 127
Public Speaking 49-51, 61

Recesses 4, 5
Registrar 10
Registration 4, 5, 37, 110
Regulations 110
Religious Position 19
Requirements 35-41
  Freshmen 38
  Graduation 40, 41
  Recitation 40
Rooms 93, 94, 98
  Assignment of 100, 101
  Cost of 101
  Deposits for 100, 101
  Inspection of 101
  Reservation of 100, 101

Salutatorian 115
Scholarship 110, 111
Scholarships 104-109
  Application for 104, 105
  Special Vermont 109
  State 25, 108, 109
Science Hall 95, 96
Secretary-Treasurer 8
Self-Help 102, 103
Semester 4, 5
Societies 128
Sociology 48, 49, 87-90
Spanish 90-92
Spanish School 23
Specialization 39
Starr Hall 94
Student Life Committee 15
Summer Session 23, 111
  Correspondence 2
Surveying 51, 52

Transfers 33
Trustees 7, 8, 25
Tuition 101

Vacations 4, 5
Valedictorian 115
Vocational Guidance 19-21

Walker Furlough Committee 9, 24
Warner Science Hall 95, 96
Winter Sports 22
Work 102, 103

Zoological Museum 96

FREE PRESS PRINTING CO., BURLINGTON, VT.